

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034232.D
 Acq On : 22 Feb 2023 16:32
 Operator : JC/MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 03:21:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	306396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	500312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	442146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179792	43.571	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.140%		
35) Dibromofluoromethane	5.385	113	157012	48.200	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.400%		
50) Toluene-d8	8.647	98	576534	49.295	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.079	95	202224	45.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1002	0.378	ug/l	95
3) Chloromethane	1.294	50	2003	0.526	ug/l	97
4) Vinyl Chloride	1.374	62	1627	0.469	ug/l #	86
5) Bromomethane	1.611	94	1143	0.830	ug/l	91
6) Chloroethane	1.691	64	1253	0.718	ug/l	91
7) Trichlorofluoromethane	1.886	101	2224	0.474	ug/l #	81
8) Diethyl Ether	2.136	74	972	0.514	ug/l #	30
9) 1,1,2-Trichlorotrifluo...	2.343	101	1204	0.364	ug/l	95
10) Methyl Iodide	2.453	142	1369	0.340	ug/l	92
11) Tert butyl alcohol	2.941	59	3046	3.300	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1473	0.444	ug/l #	62
13) Acrolein	2.239	56	1106	2.625	ug/l #	83
14) Allyl chloride	2.666	41	3313	0.471	ug/l #	78
15) Acrylonitrile	3.075	53	3905	1.940	ug/l	96
16) Acetone	2.386	43	4162	1.955	ug/l	97
17) Carbon Disulfide	2.514	76	3868	0.406	ug/l	98
18) Methyl Acetate	2.703	43	2911	0.442	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	4707	0.402	ug/l #	88
20) Methylene Chloride	2.794	84	2243	0.585	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	1428	0.411	ug/l	94
22) Diisopropyl ether	3.764	45	5040	0.409	ug/l #	83
23) Vinyl Acetate	3.727	43	19085	1.933	ug/l	100
24) 1,1-Dichloroethane	3.611	63	2447	0.362	ug/l	96
25) 2-Butanone	4.574	43	6148	1.996	ug/l #	77
26) 2,2-Dichloropropane	4.477	77	2396	0.391	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	1644	0.400	ug/l	93
28) Bromochloromethane	4.898	49	1187	0.393	ug/l #	88
29) Tetrahydrofuran	5.026	42	3587	1.909	ug/l	99
30) Chloroform	5.099	83	2764	0.425	ug/l	95
31) Cyclohexane	5.464	56	2586	0.420	ug/l #	85
32) 1,1,1-Trichloroethane	5.410	97	2245	0.385	ug/l #	23
36) 1,1-Dichloropropene	5.702	75	1997	0.415	ug/l #	55
37) Ethyl Acetate	4.733	43	1085	0.202	ug/l #	84
38) Carbon Tetrachloride	5.678	117	1923	0.388	ug/l #	80
39) Methylcyclohexane	7.379	83	2274	0.367	ug/l	95
40) Benzene	6.038	78	6025	0.422	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	534	0.178	ug/l #	60
42) 1,2-Dichloroethane	6.086	62	2230	0.444	ug/l	98
43) Isopropyl Acetate	6.355	43	3956	0.416	ug/l #	82
44) Trichloroethene	7.129	130	1670	0.456	ug/l	90
45) 1,2-Dichloropropane	7.428	63	1517	0.399	ug/l	100
46) Dibromomethane	7.592	93	1003	0.401	ug/l	87
47) Bromodichloromethane	7.830	83	1953	0.380	ug/l	90
48) Methyl methacrylate	7.714	41	1664	0.369	ug/l #	83
49) 1,4-Dioxane	7.702	88	817	9.083	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	10536	2.016	ug/l	96
52) Toluene	8.720	92	3622	0.419	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	1787	0.302	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	2207	0.349	ug/l #	70
55) 1,1,2-Trichloroethane	9.153	97	1417	0.406	ug/l #	94
56) Ethyl methacrylate	9.122	69	2047	0.347	ug/l #	69
57) 1,3-Dichloropropane	9.311	76	2405	0.396	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	4871	1.904	ug/l	100
59) 2-Hexanone	9.439	43	7269	1.825	ug/l	99
60) Dibromochloromethane	9.525	129	1431	0.371	ug/l	100
61) 1,2-Dibromoethane	9.616	107	1477	0.400	ug/l	94
64) Tetrachloroethene	9.275	164	1330	0.426	ug/l #	64
65) Chlorobenzene	10.079	112	4112	0.446	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1431	0.401	ug/l #	67
67) Ethyl Benzene	10.195	91	6410	0.387	ug/l	95
68) m/p-Xylenes	10.305	106	5172	0.816	ug/l	99
69) o-Xylene	10.640	106	2585	0.410	ug/l	94
70) Styrene	10.659	104	3614	0.352	ug/l	91
71) Bromoform	10.799	173	956	0.328	ug/l #	96
73) Isopropylbenzene	10.963	105	6302	0.399	ug/l	100
74) N-amyl acetate	10.848	43	3026	0.381	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	1935	0.358	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	100531	19.269	ug/l #	34
77) Bromobenzene	11.201	156	1459	0.384	ug/l	77
78) n-propylbenzene	11.305	91	6911	0.376	ug/l	96
79) 2-Chlorotoluene	11.366	91	4581	0.407	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	4879	0.367	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	100531	49.501	ug/l #	8
82) 4-Chlorotoluene	11.457	91	5070	0.395	ug/l	92
83) tert-Butylbenzene	11.713	119	5022	0.369	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	5036	0.375	ug/l	95
85) sec-Butylbenzene	11.890	105	6201	0.375	ug/l	99
86) p-Isopropyltoluene	12.006	119	4994	0.365	ug/l #	85
87) 1,3-Dichlorobenzene	11.969	146	2910	0.408	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	2910	0.405	ug/l	93
89) n-Butylbenzene	12.335	91	3994	0.328	ug/l	96
90) Hexachloroethane	12.536	117	888	0.311	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	2797	0.401	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	425	0.330	ug/l	65
93) 1,2,4-Trichlorobenzene	13.591	180	1759	0.393	ug/l	96
94) Hexachlorobutadiene	13.725	225	593	0.319	ug/l	69
95) Naphthalene	13.780	128	7474	0.495	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1639	0.369	ug/l	93

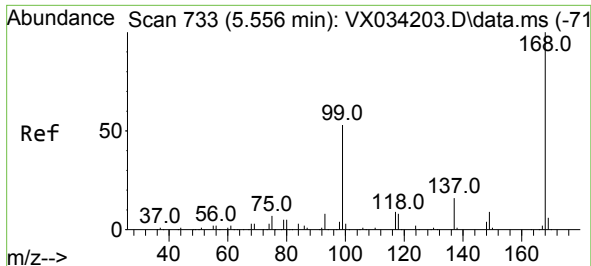
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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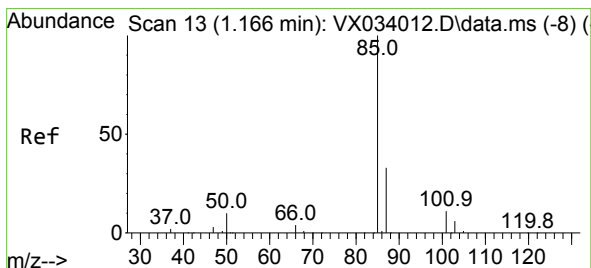
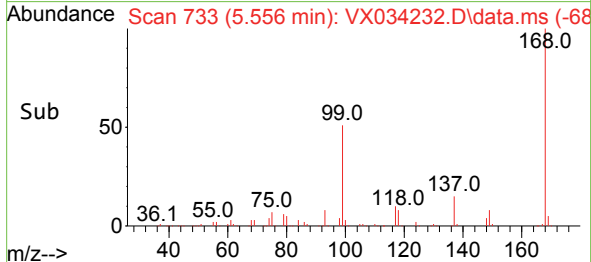
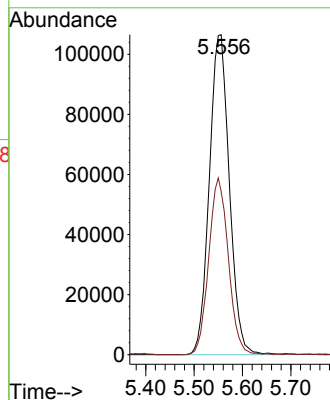
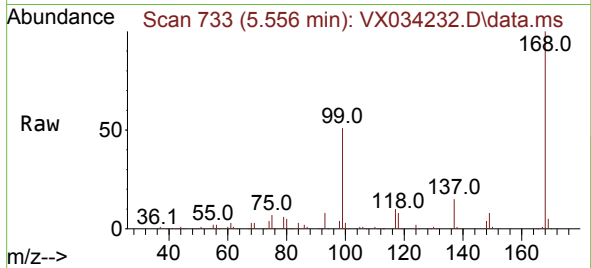
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034232.D
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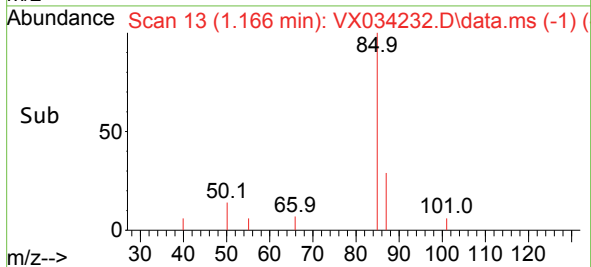
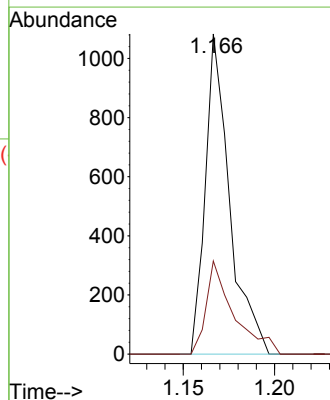
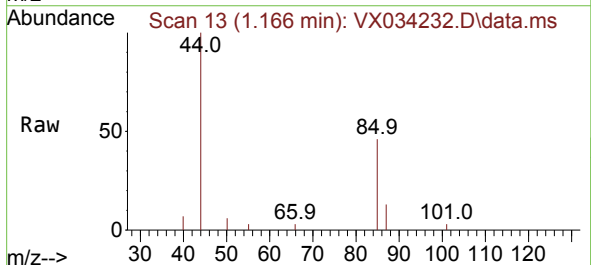
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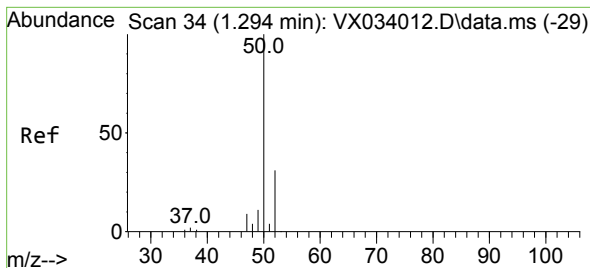
Tgt Ion:168 Resp: 306396
Ion Ratio Lower Upper
168 100
99 51.0 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.378 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 85 Resp: 1002
Ion Ratio Lower Upper
85 100
87 29.1 15.8 47.4





#3

Chloromethane

Concen: 0.526 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

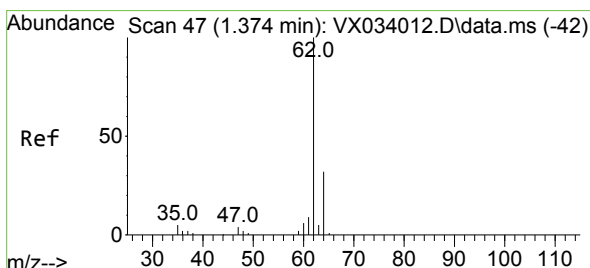
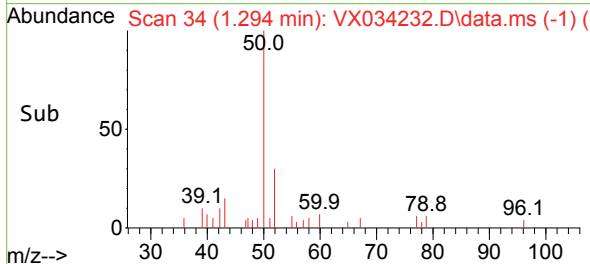
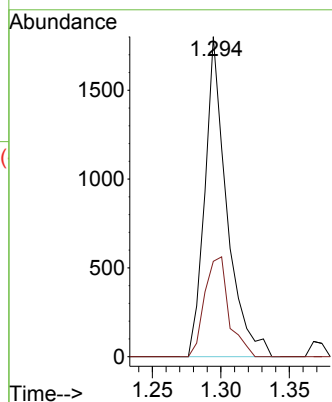
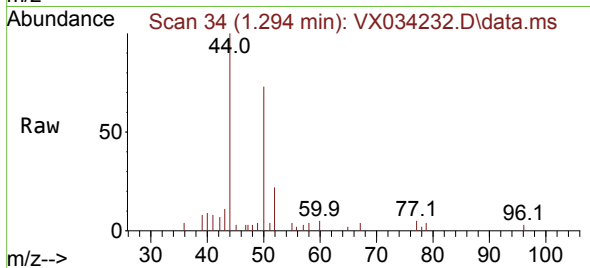
MDL-WATER-03-QT1-2023

Tgt Ion: 50 Resp: 2003

Ion Ratio Lower Upper

50 100

52 29.8 25.2 37.8



#4

Vinyl Chloride

Concen: 0.469 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034232.D

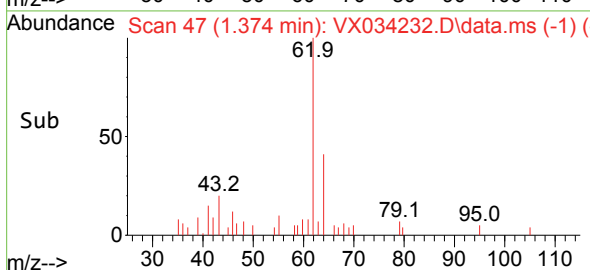
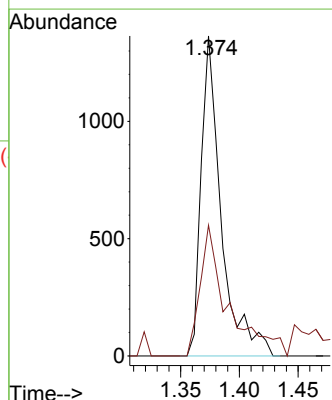
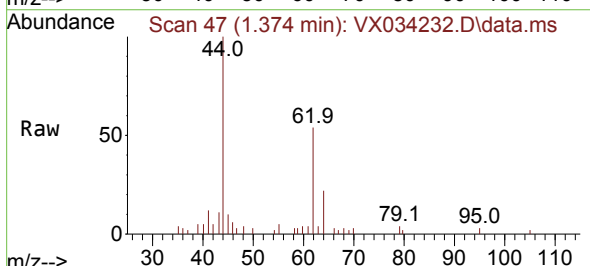
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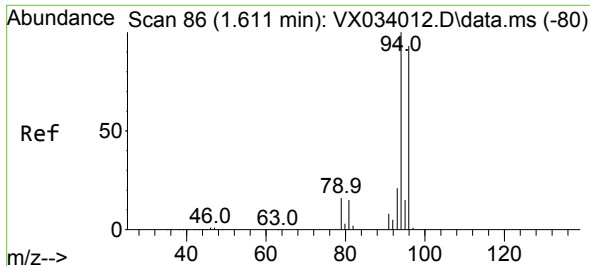
Tgt Ion: 62 Resp: 1627

Ion Ratio Lower Upper

62 100

64 40.8 26.2 39.4#

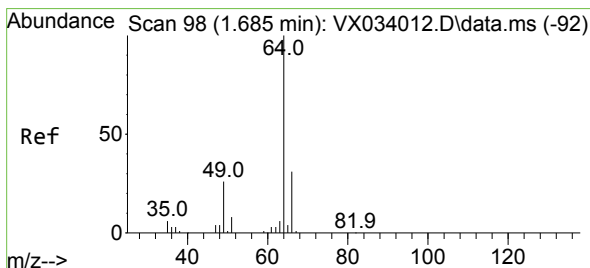
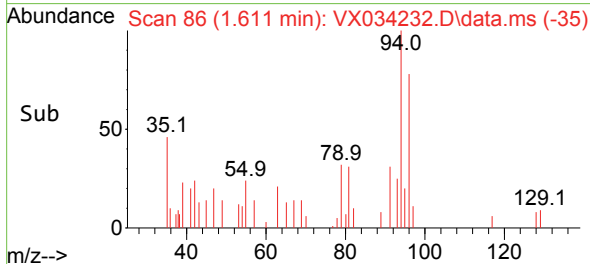
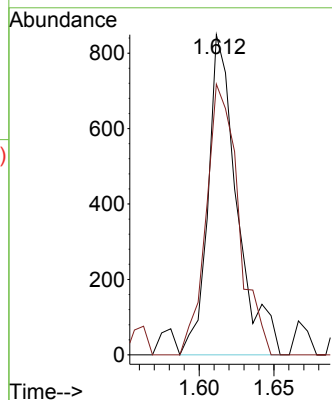
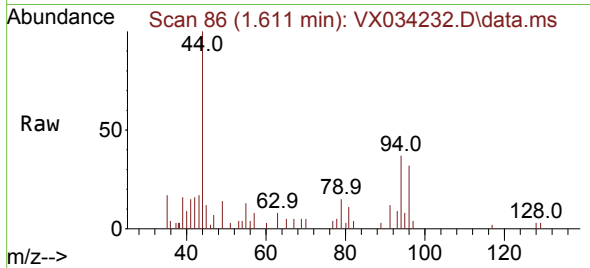




#5
Bromomethane
Concen: 0.830 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

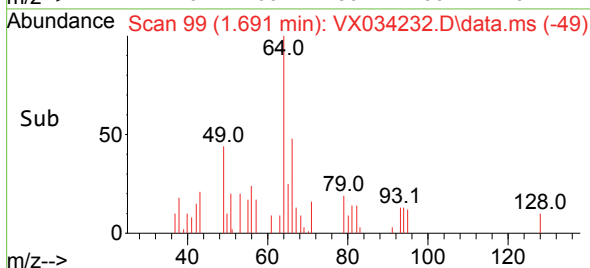
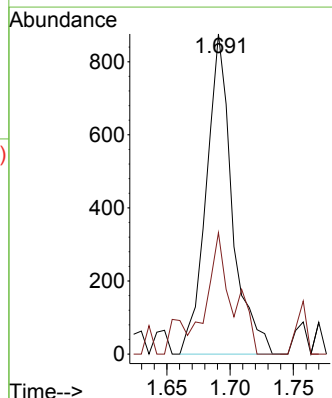
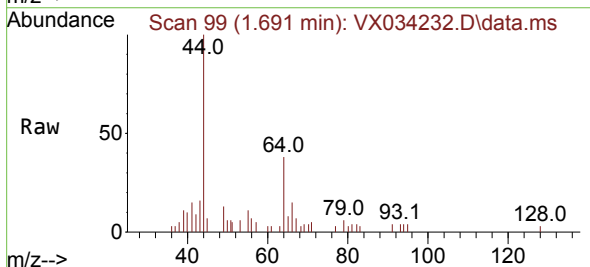
Instrument :
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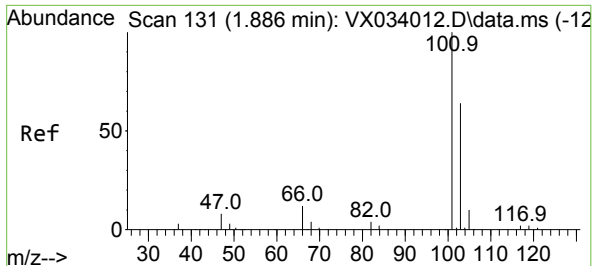
Tgt Ion: 94 Resp: 1143
Ion Ratio Lower Upper
94 100
96 84.6 74.3 111.5



#6
Chloroethane
Concen: 0.718 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 64 Resp: 1253
Ion Ratio Lower Upper
64 100
66 37.9 26.1 39.1

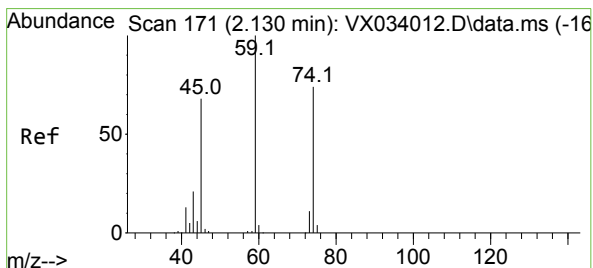
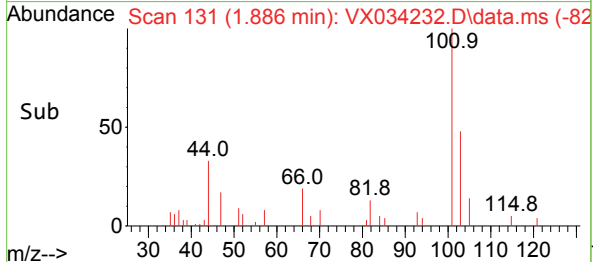
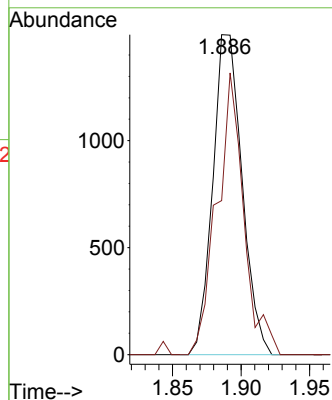
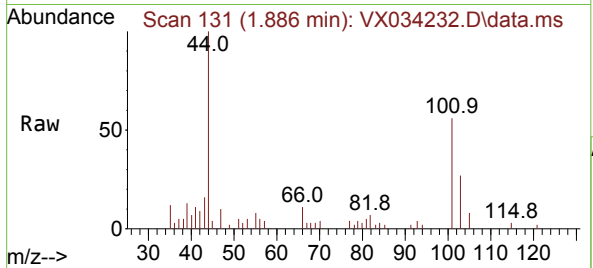




#7
Trichlorofluoromethane
Concen: 0.474 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

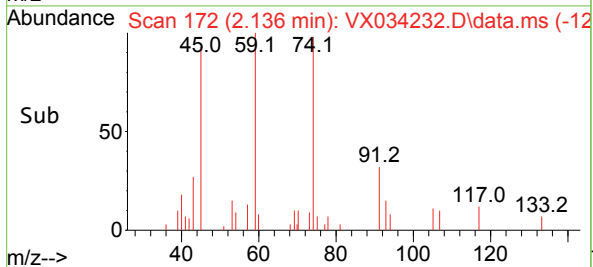
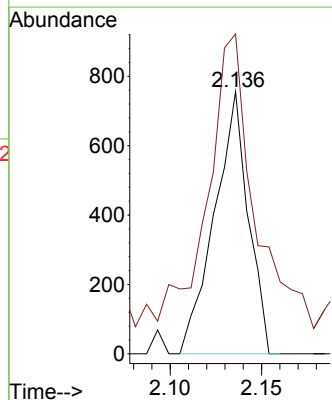
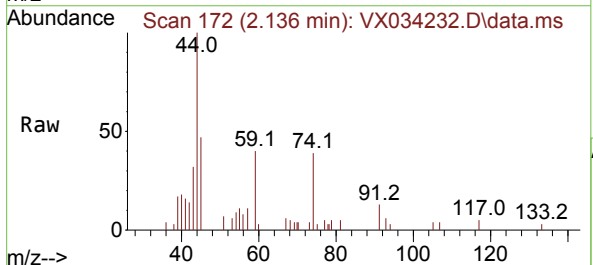
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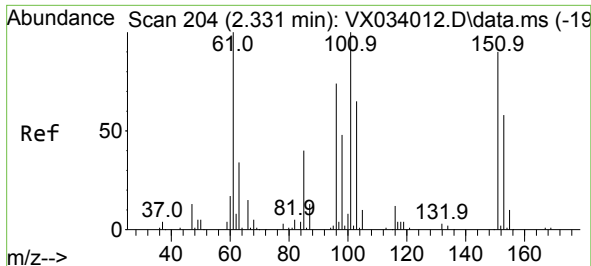
Tgt Ion:101 Resp: 2224
Ion Ratio Lower Upper
101 100
103 48.2 50.6 75.8#



#8
Diethyl Ether
Concen: 0.514 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 74 Resp: 972
Ion Ratio Lower Upper
74 100
45 174.0 51.5 154.5#

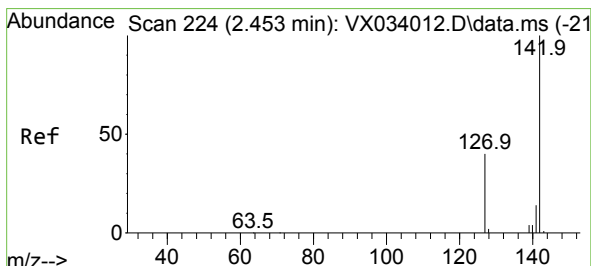
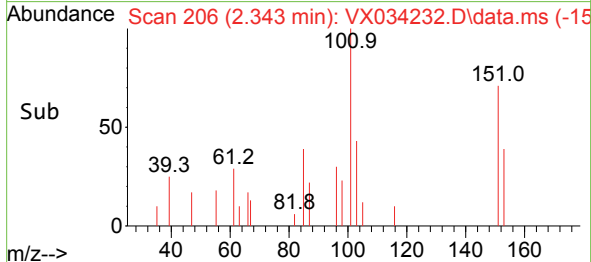
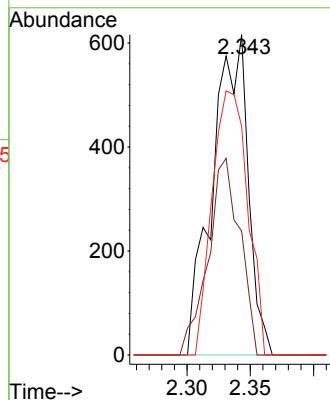
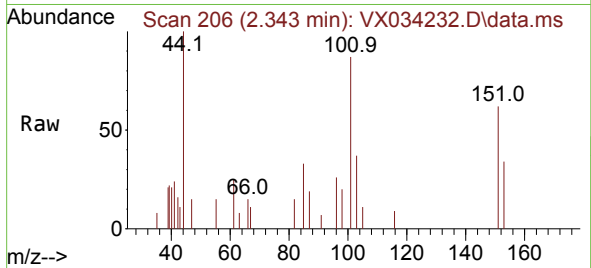




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.364 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.012 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

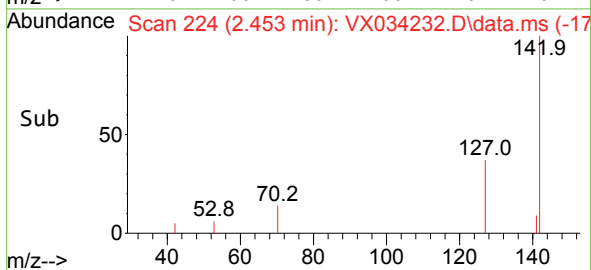
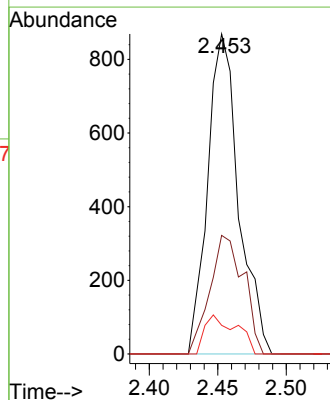
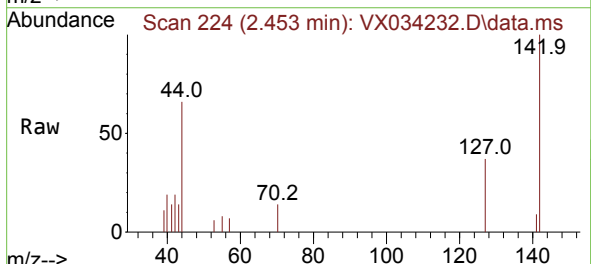
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ClientSampleId :
MDL-WATER-03-QT1-2023

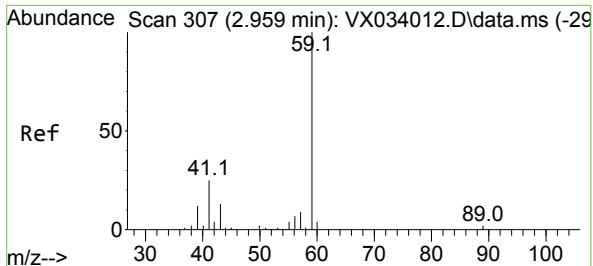
Tgt Ion:101 Resp: 1204
Ion Ratio Lower Upper
101 100
85 55.0 36.7 55.1
151 82.4 66.5 99.7



#10
Methyl Iodide
Concen: 0.340 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion:142 Resp: 1369
Ion Ratio Lower Upper
142 100
127 40.2 37.3 55.9
141 12.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 3.300 ug/l

RT: 2.941 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

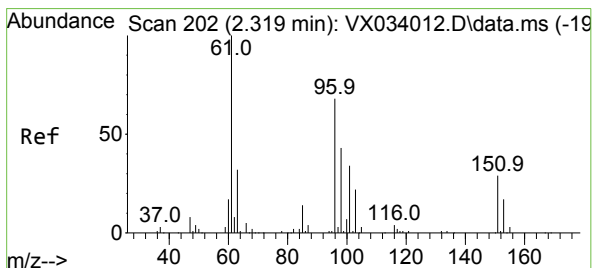
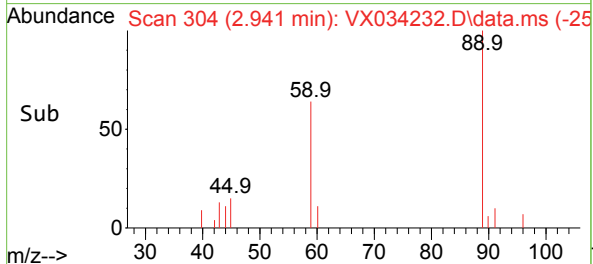
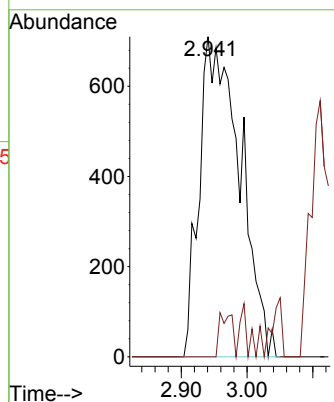
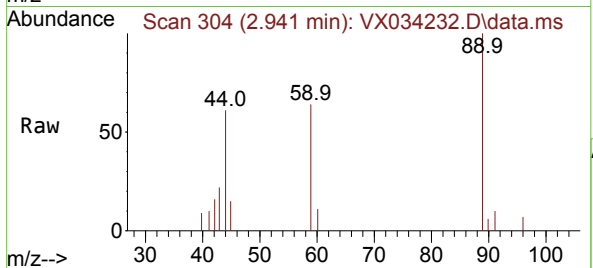
MDL-WATER-03-QT1-2023

Tgt Ion: 59 Resp: 3046

Ion Ratio Lower Upper

59 100

57 4.3 3.7 5.5



#12

1,1-Dichloroethene

Concen: 0.444 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

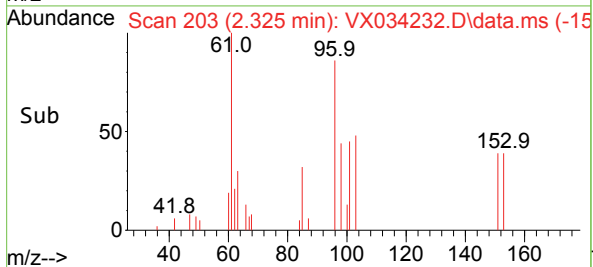
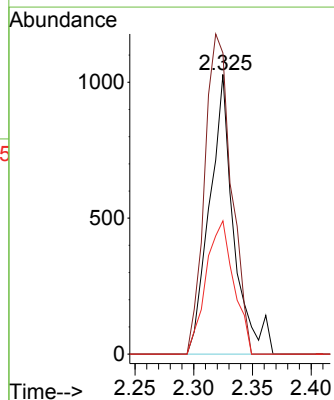
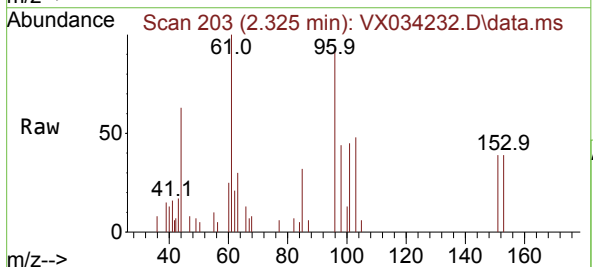
Tgt Ion: 96 Resp: 1473

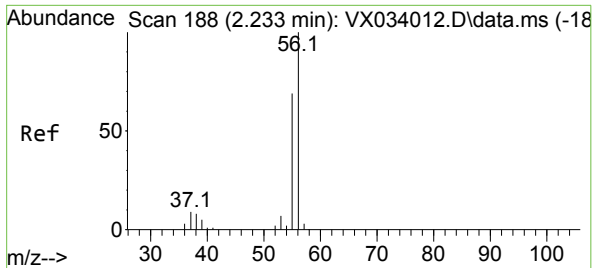
Ion Ratio Lower Upper

96 100

61 107.7 134.2 201.4#

98 47.6 50.2 75.2#





#13

Acrolein

Concen: 2.625 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

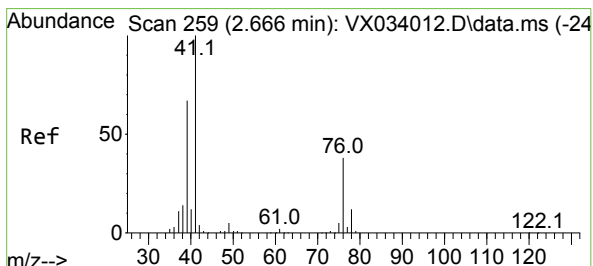
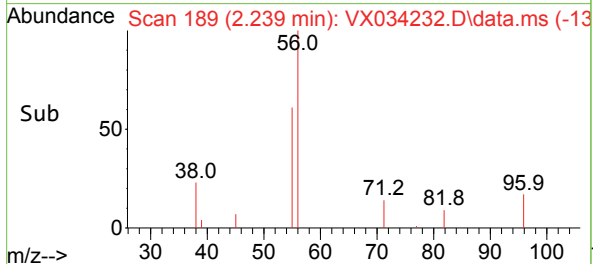
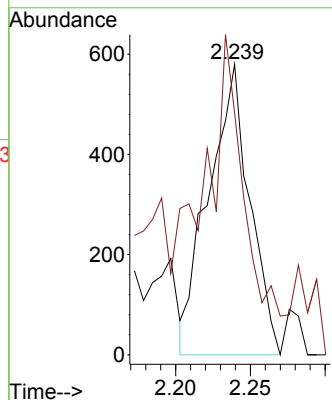
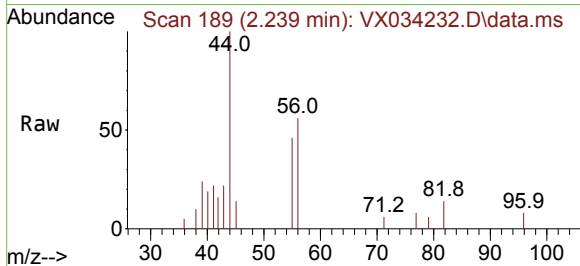
MDL-WATER-03-QT1-2023

Tgt Ion: 56 Resp: 1106

Ion Ratio Lower Upper

56 100

55 84.6 56.3 84.5#



#14

Allyl chloride

Concen: 0.471 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

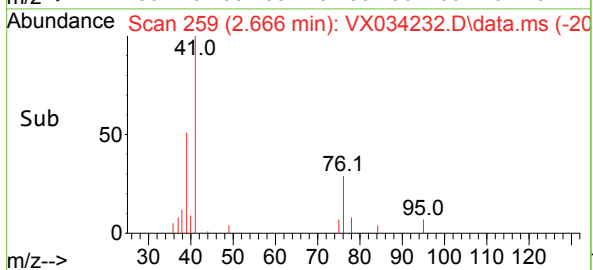
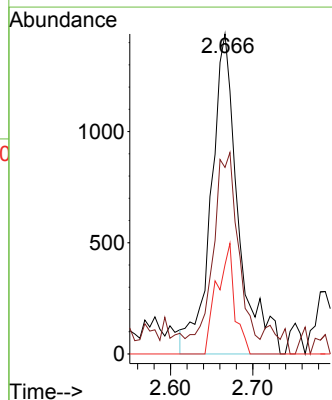
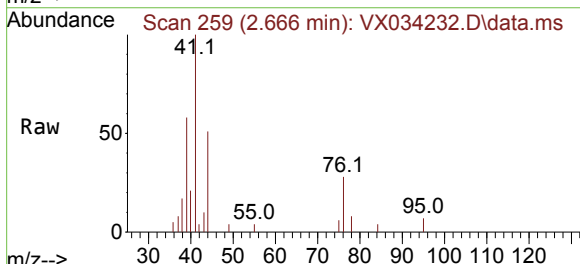
Tgt Ion: 41 Resp: 3313

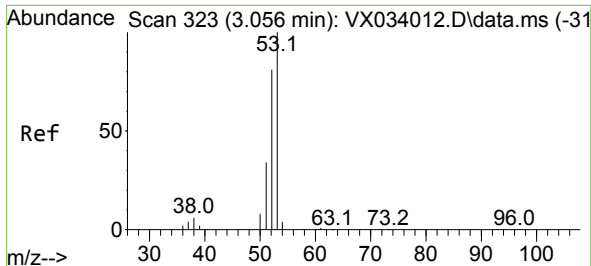
Ion Ratio Lower Upper

41 100

39 52.7 59.0 88.4#

76 22.5 24.6 37.0#

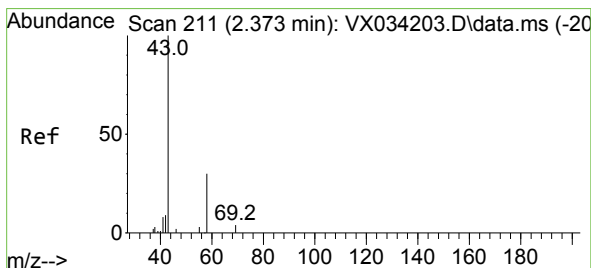
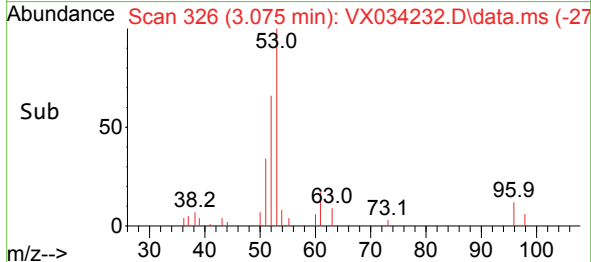
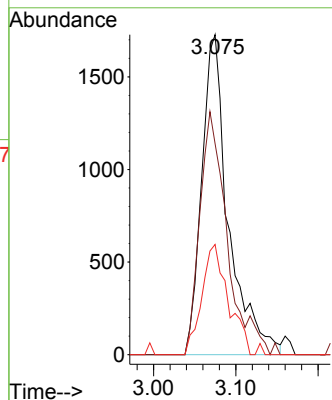
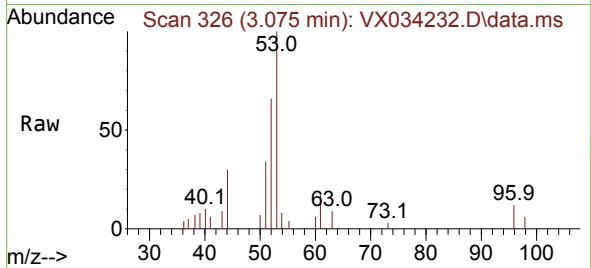




#15
Acrylonitrile
Concen: 1.940 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

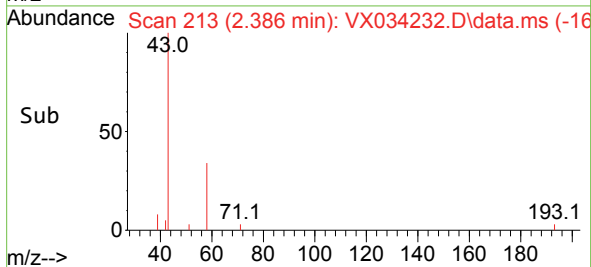
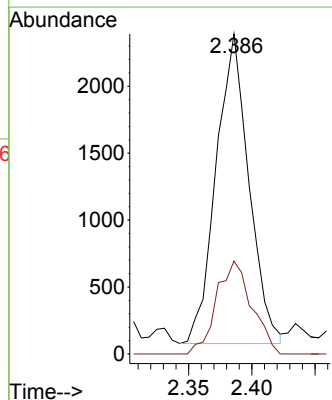
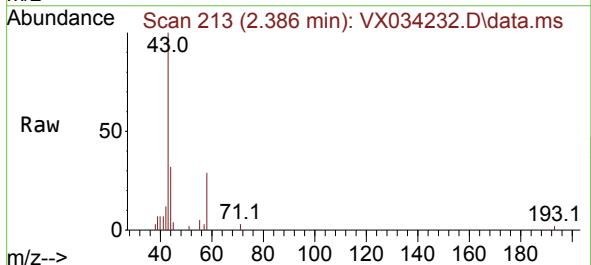
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

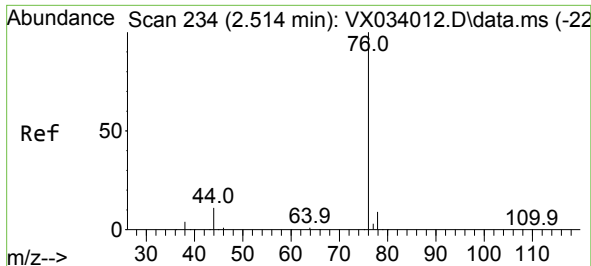
Tgt Ion: 53 Resp: 3905
Ion Ratio Lower Upper
53 100
52 78.0 65.7 98.5
51 34.2 29.0 43.4



#16
Acetone
Concen: 1.955 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 43 Resp: 4162
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8





#17

Carbon Disulfide

Concen: 0.406 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

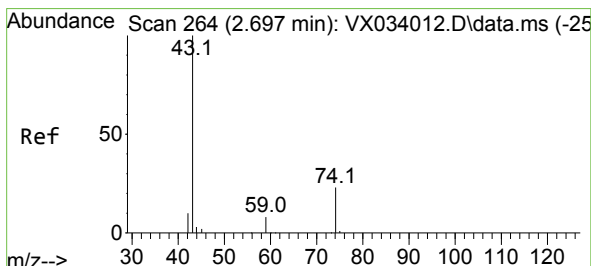
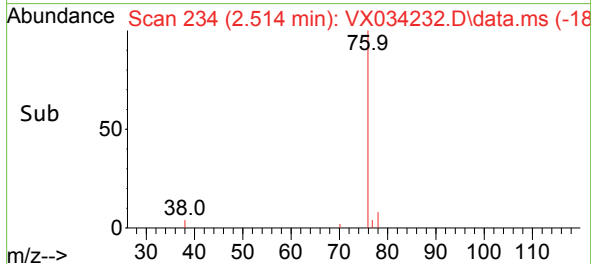
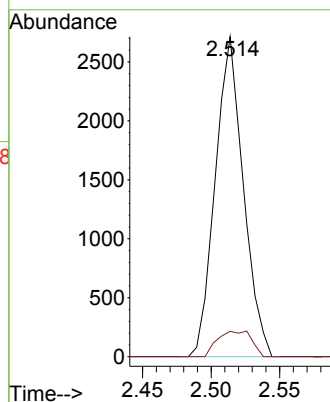
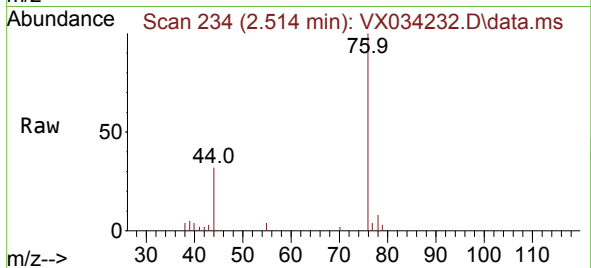
MDL-WATER-03-QT1-2023

Tgt Ion: 76 Resp: 3868

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.6



#18

Methyl Acetate

Concen: 0.442 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034232.D

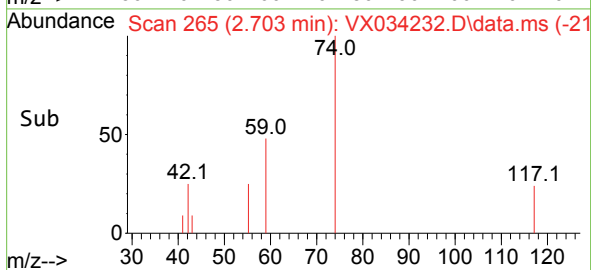
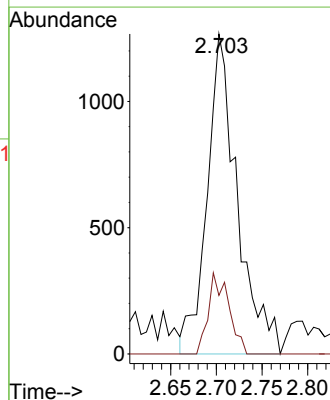
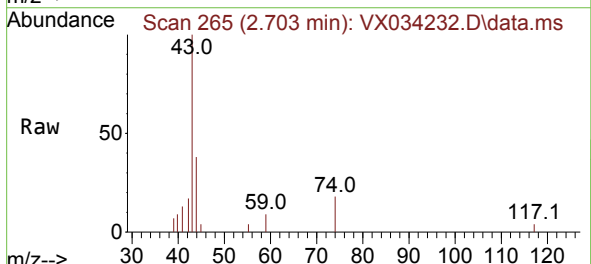
Acq: 22 Feb 2023 16:32

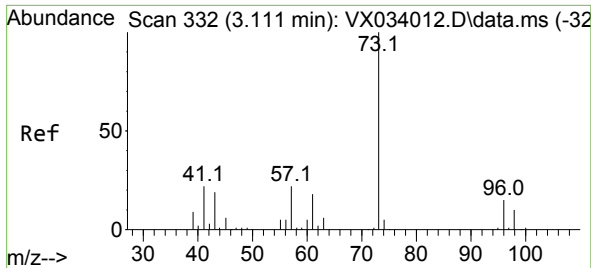
Tgt Ion: 43 Resp: 2911

Ion Ratio Lower Upper

43 100

74 17.1 18.2 27.4#

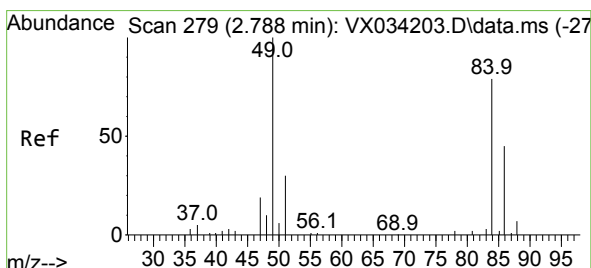
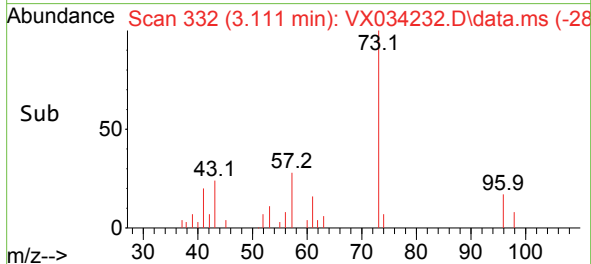
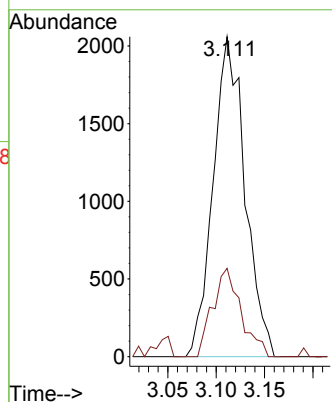
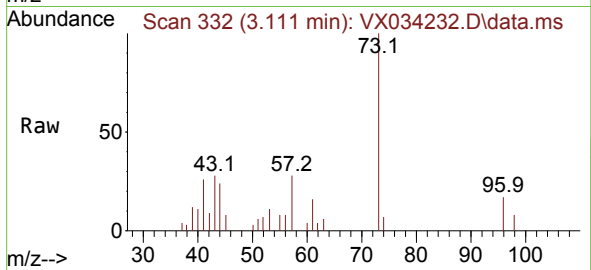




#19
Methyl tert-butyl Ether
Concen: 0.402 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

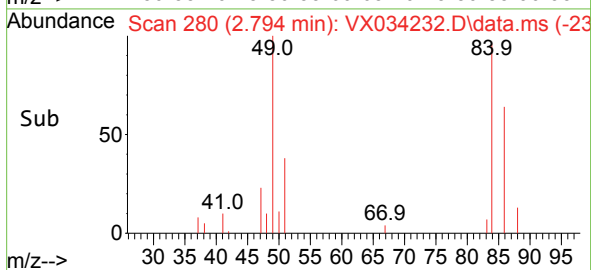
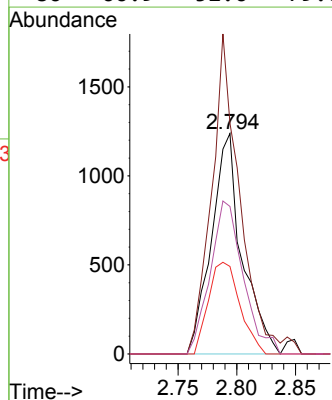
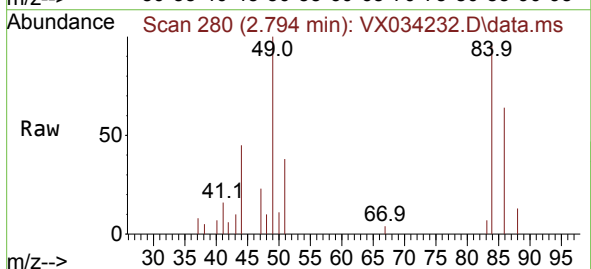
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

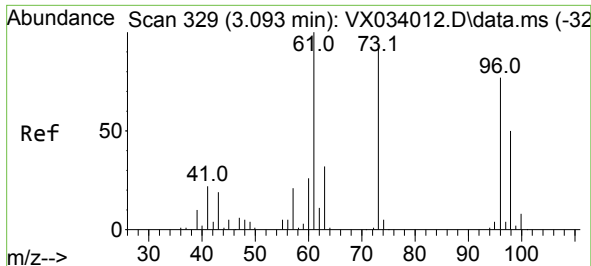
Tgt Ion: 73 Resp: 4707
Ion Ratio Lower Upper
73 100
57 27.6 17.4 26.0#



#20
Methylene Chloride
Concen: 0.585 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 84 Resp: 2243
Ion Ratio Lower Upper
84 100
49 104.7 101.1 151.7
51 39.7 31.0 46.6
86 66.9 52.6 79.0

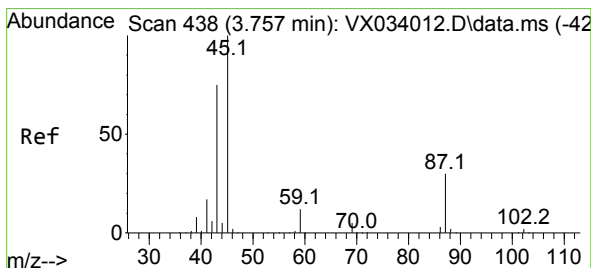
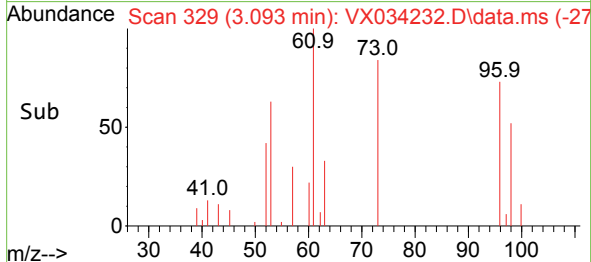
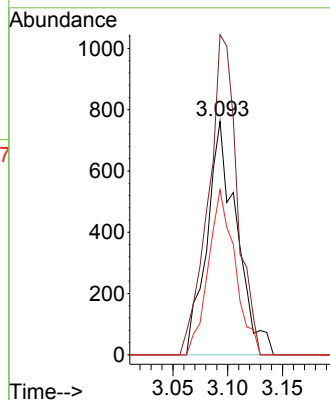
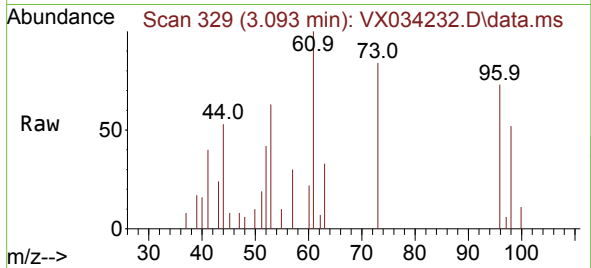




#21
trans-1,2-Dichloroethene
Concen: 0.411 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

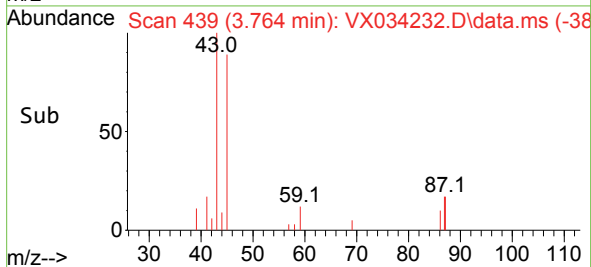
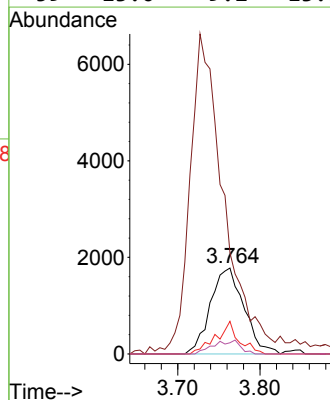
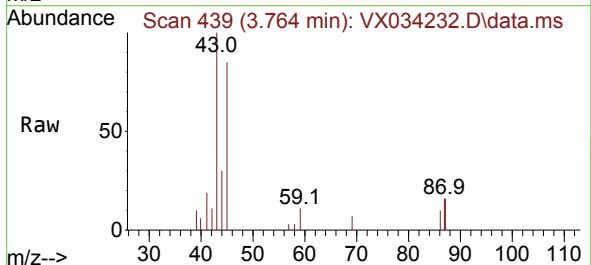
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

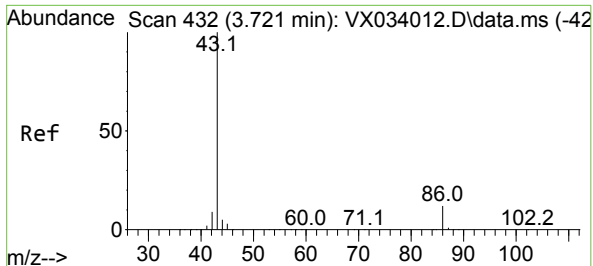
Tgt Ion: 96 Resp: 1428
Ion Ratio Lower Upper
96 100
61 137.1 106.7 160.1
98 70.7 50.0 75.0



#22
Diisopropyl ether
Concen: 0.409 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 45 Resp: 5040
Ion Ratio Lower Upper
45 100
43 97.1 64.6 97.0#
87 38.1 21.9 32.9#
59 13.0 9.2 13.8





#23

Vinyl Acetate

Concen: 1.933 ug/l

RT: 3.727 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

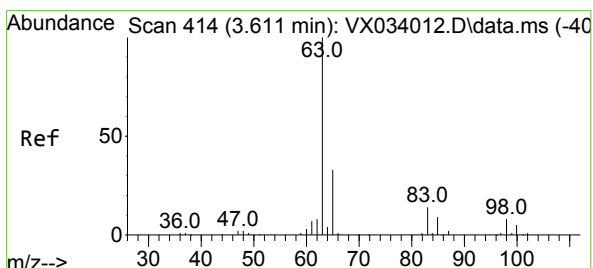
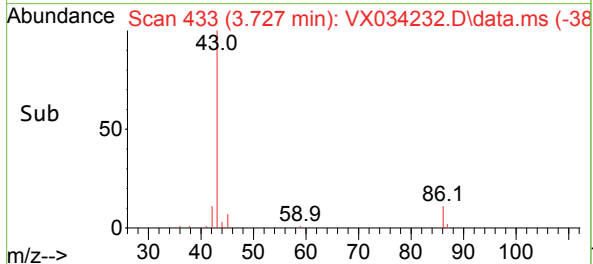
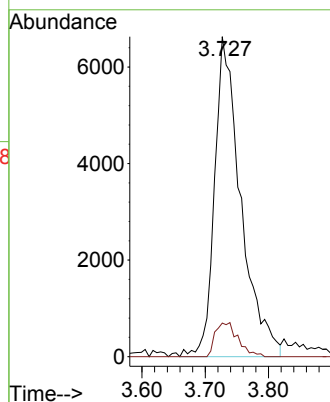
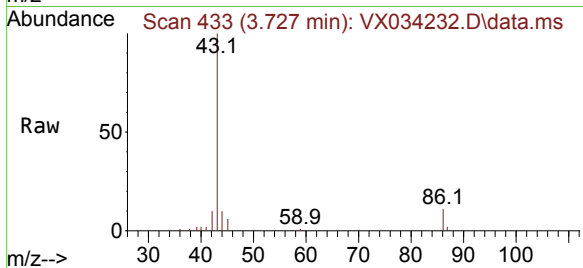
MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 19085

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



#24

1,1-Dichloroethane

Concen: 0.362 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

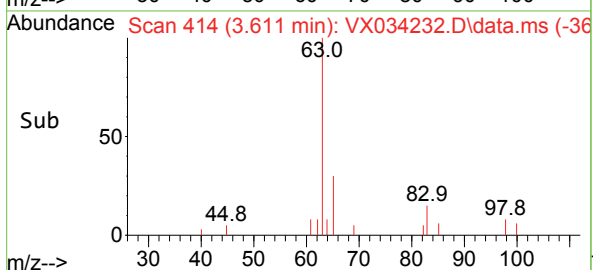
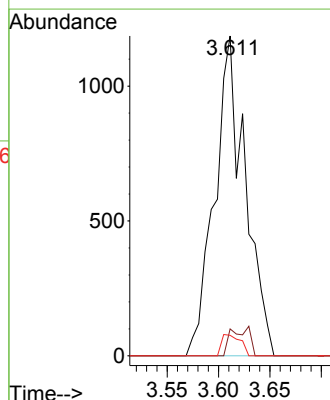
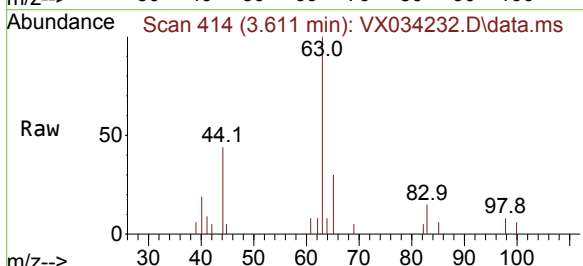
Tgt Ion: 63 Resp: 2447

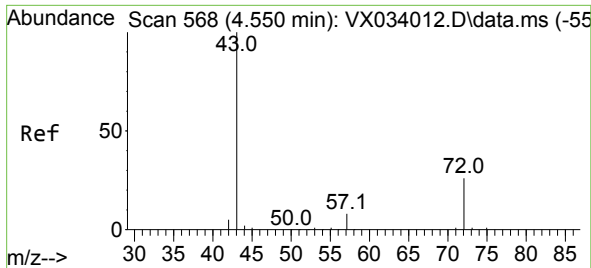
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.2

100 6.4 2.4 7.2





#25

2-Butanone

Concen: 1.996 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

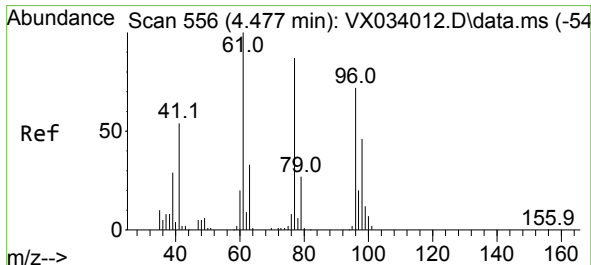
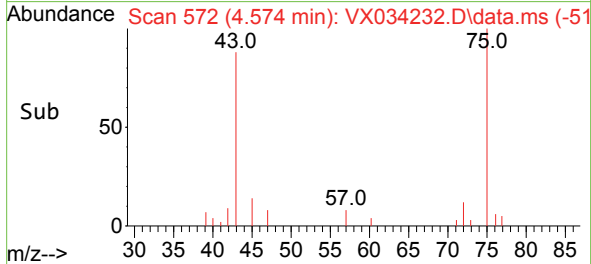
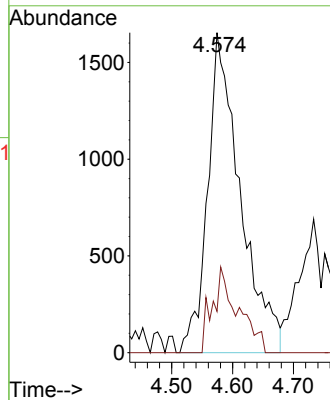
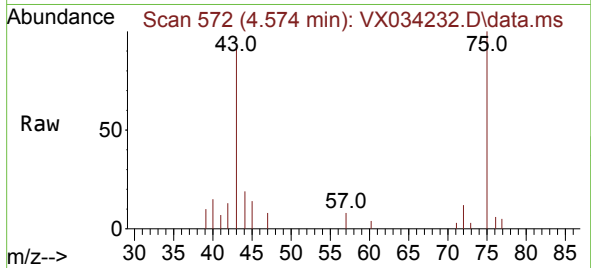
MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 6148

Ion Ratio Lower Upper

43 100

72 12.9 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.391 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX034232.D

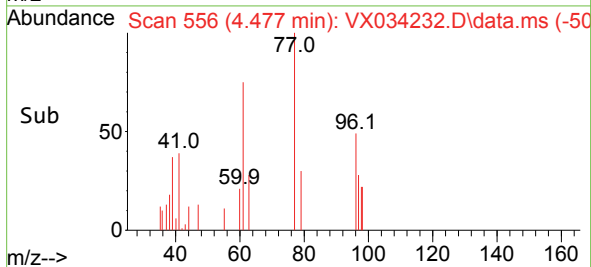
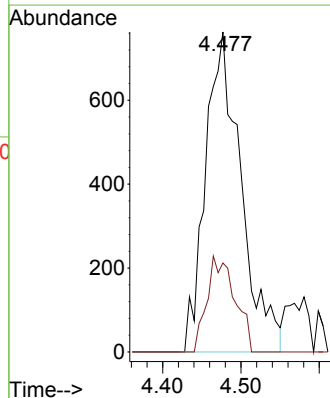
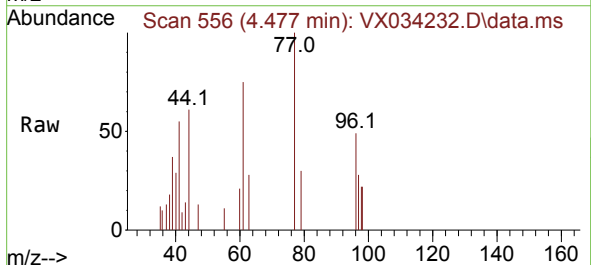
Acq: 22 Feb 2023 16:32

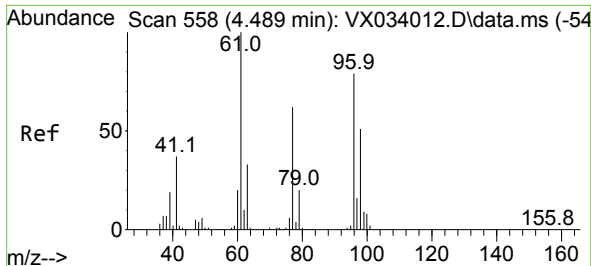
Tgt Ion: 77 Resp: 2396

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.400 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

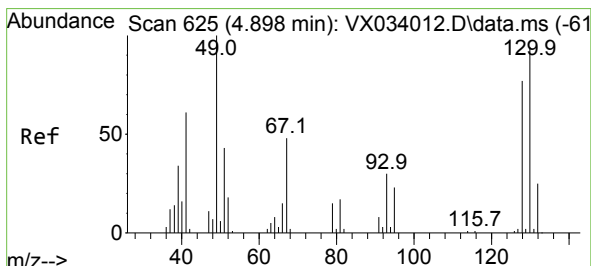
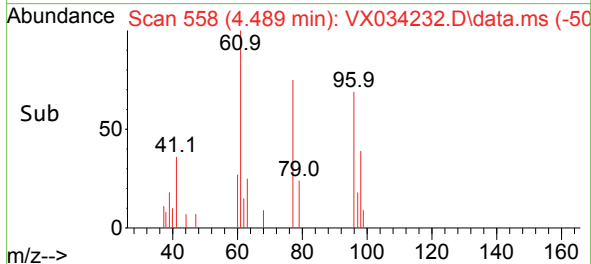
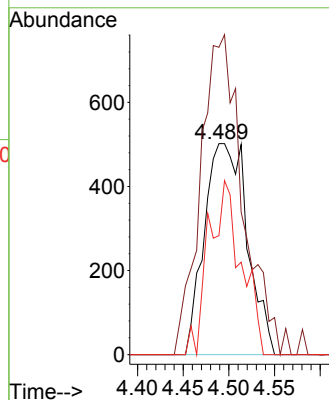
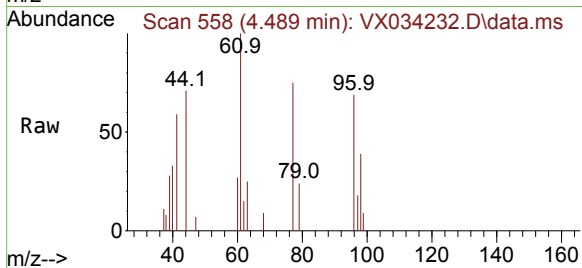
Tgt Ion: 96 Resp: 1644

Ion Ratio Lower Upper

96 100

61 149.5 0.0 277.6

98 62.1 0.0 128.0



#28

Bromochloromethane

Concen: 0.393 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

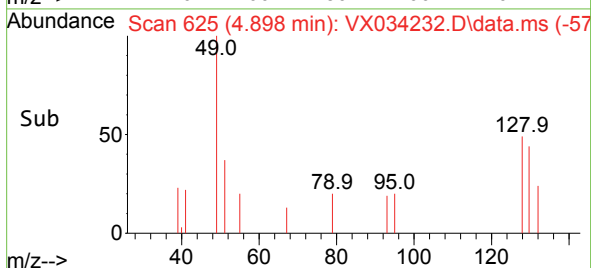
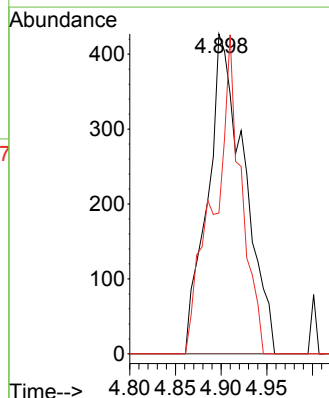
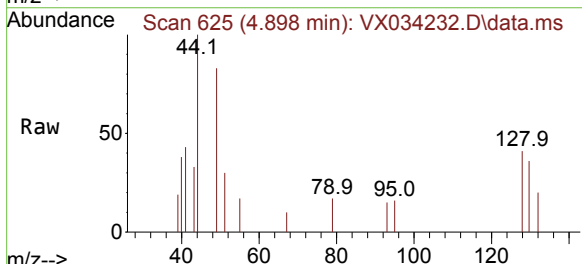
Tgt Ion: 49 Resp: 1187

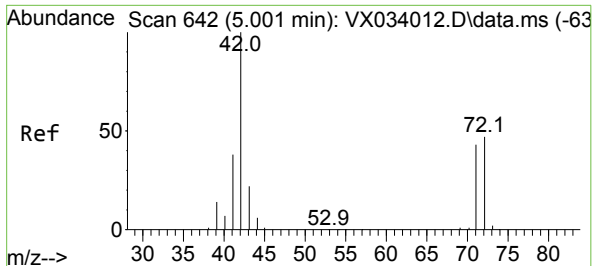
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 74.7 68.5 102.7





#29

Tetrahydrofuran

Concen: 1.909 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

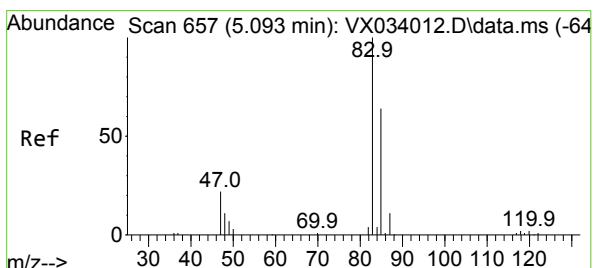
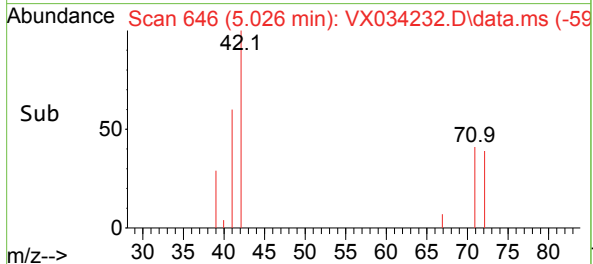
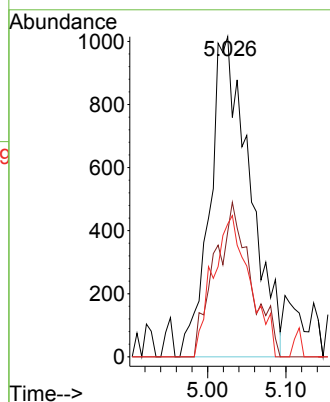
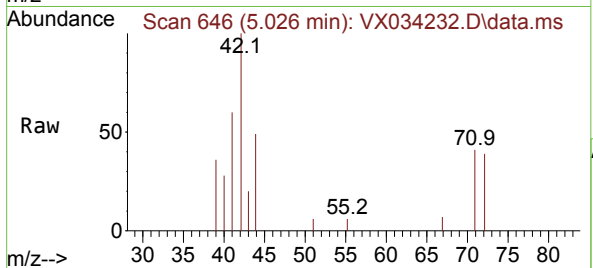
Tgt Ion: 42 Resp: 3587

Ion Ratio Lower Upper

42 100

72 44.1 34.8 52.2

71 40.8 32.2 48.2



#30

Chloroform

Concen: 0.425 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX034232.D

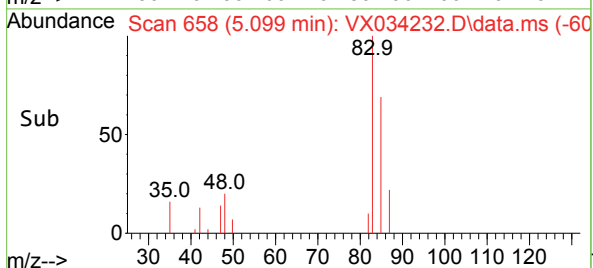
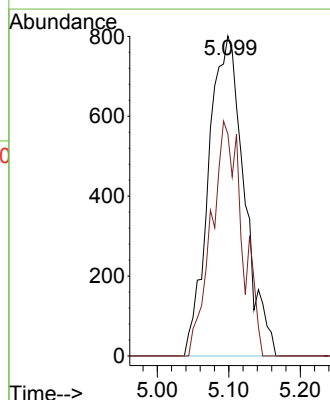
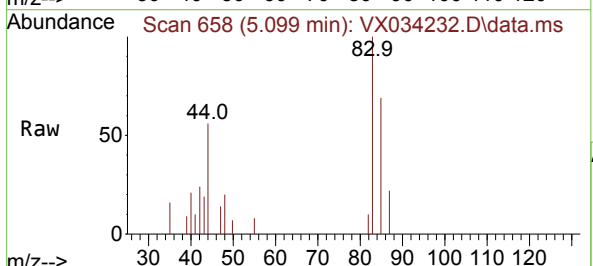
Acq: 22 Feb 2023 16:32

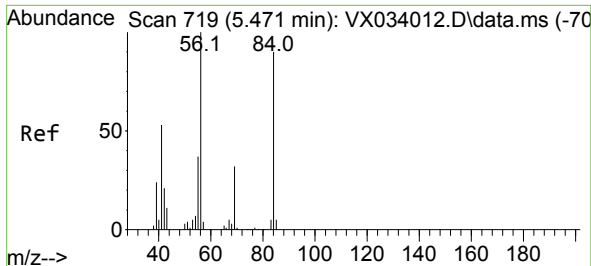
Tgt Ion: 83 Resp: 2764

Ion Ratio Lower Upper

83 100

85 69.3 52.1 78.1

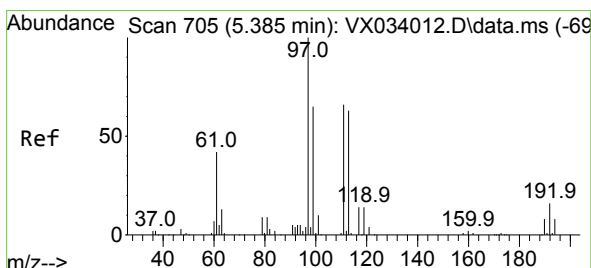
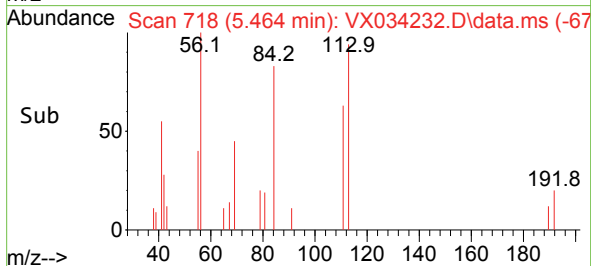
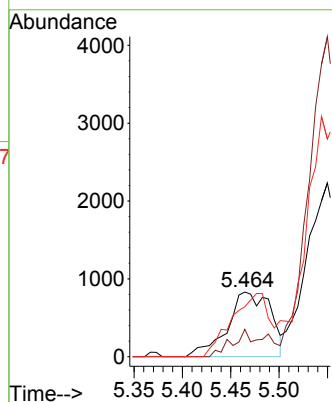
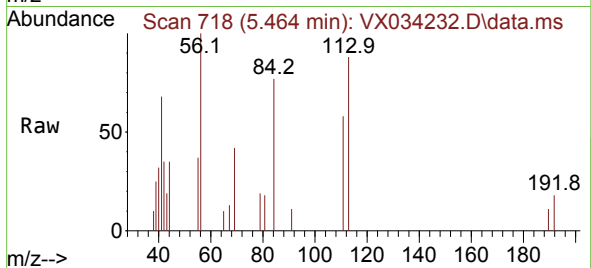




#31
Cyclohexane
Concen: 0.420 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

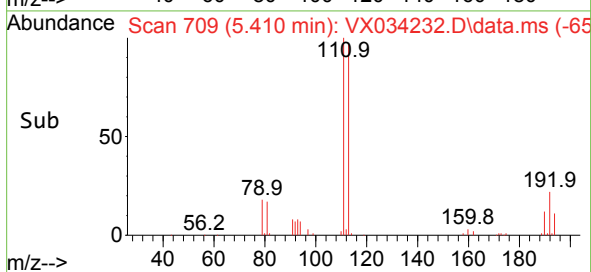
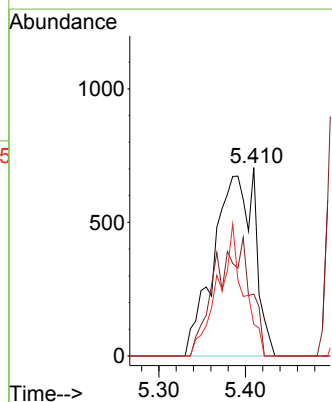
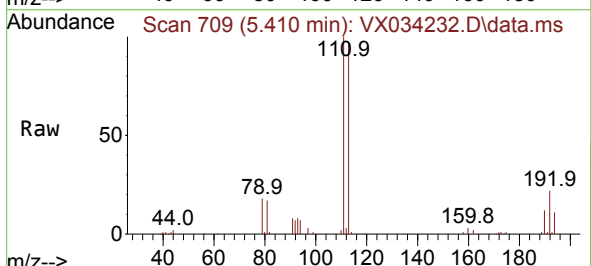
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

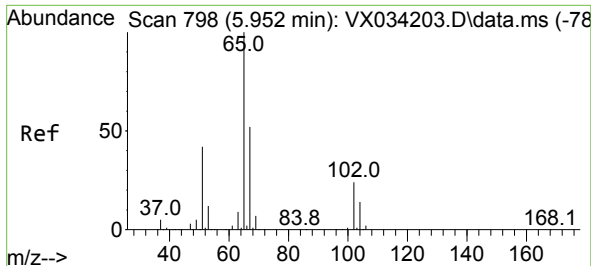
Tgt Ion: 56 Resp: 2586
Ion Ratio Lower Upper
56 100
69 42.2 24.6 37.0#
84 77.3 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 0.385 ug/l
RT: 5.410 min Scan# 709
Delta R.T. 0.031 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 97 Resp: 2245
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 0.0 35.2 52.8#





#33

1,2-Dichloroethane-d4

Concen: 43.571 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

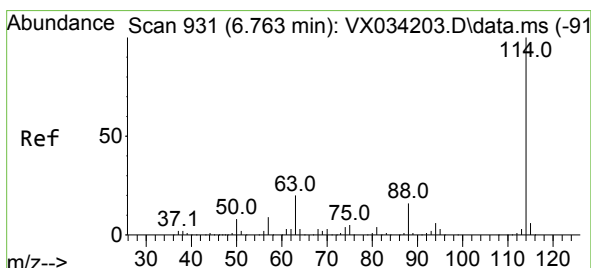
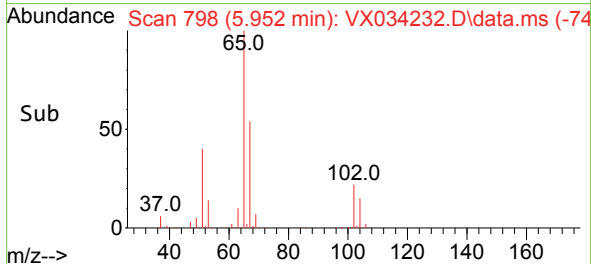
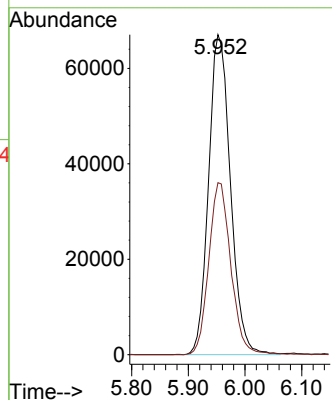
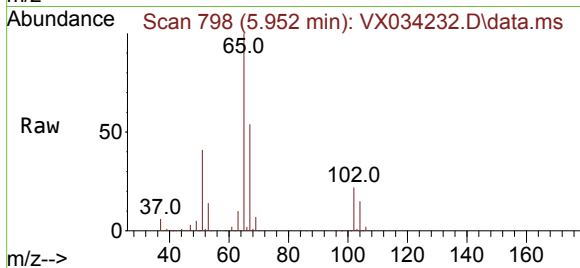
MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 179792

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

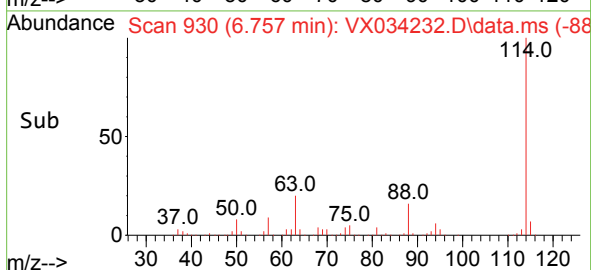
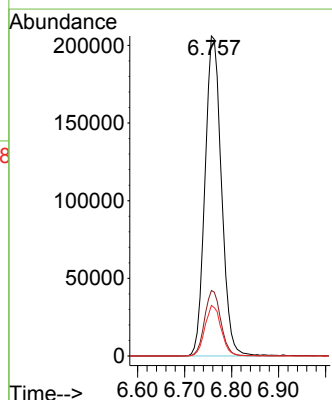
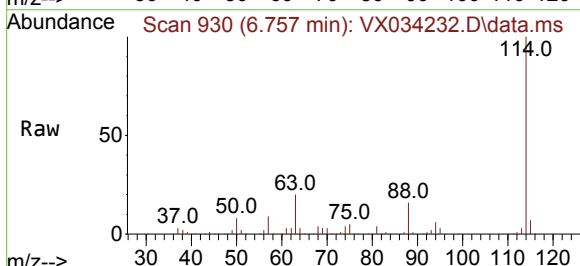
Tgt Ion: 114 Resp: 500312

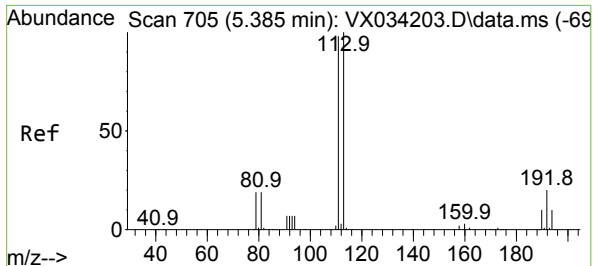
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.8 0.0 30.6

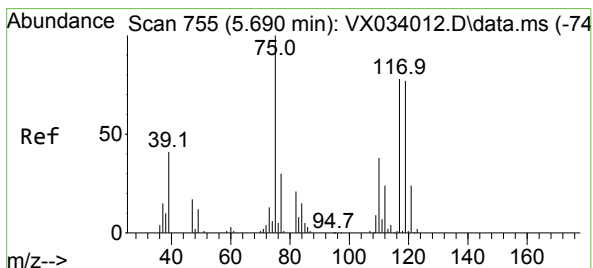
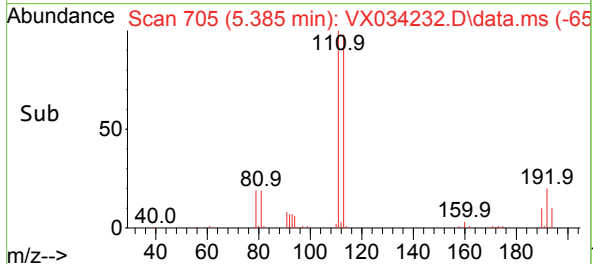
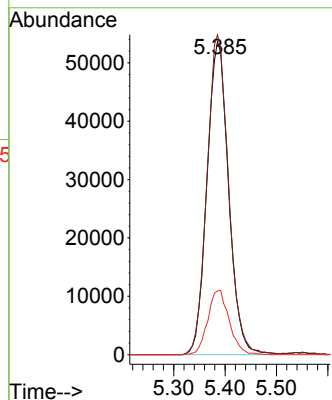
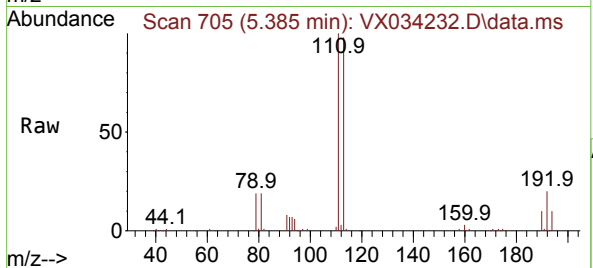




#35
Dibromofluoromethane
Concen: 48.200 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

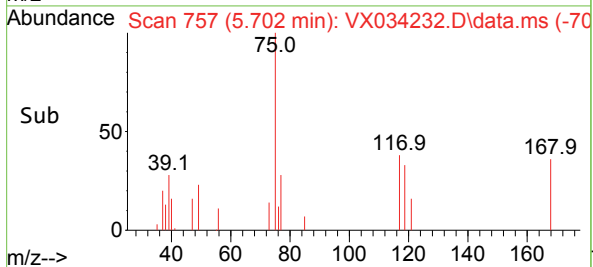
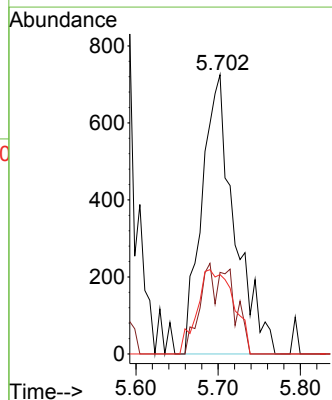
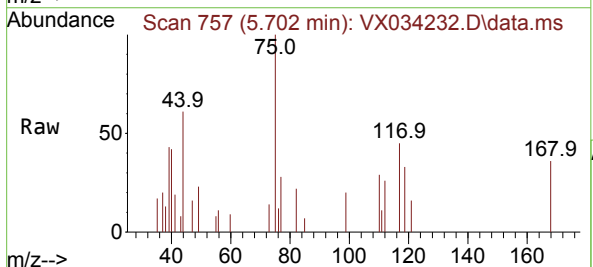
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

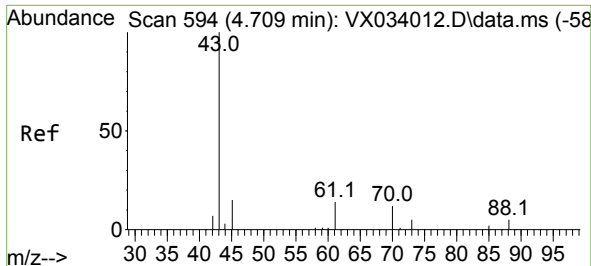
Tgt Ion:113 Resp: 157012
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 20.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 0.415 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 75 Resp: 1997
Ion Ratio Lower Upper
75 100
110 16.9 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.202 ug/l

RT: 4.733 min Scan# 594

Delta R.T. 0.025 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

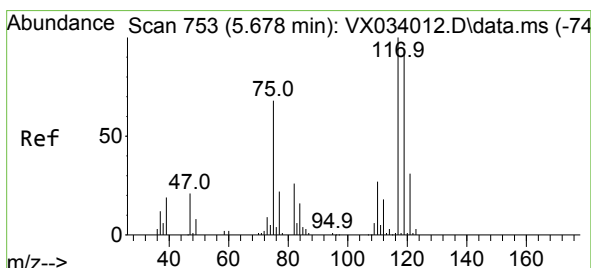
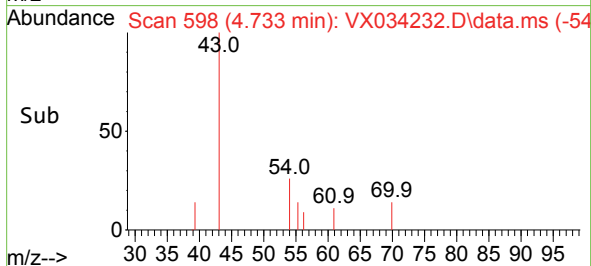
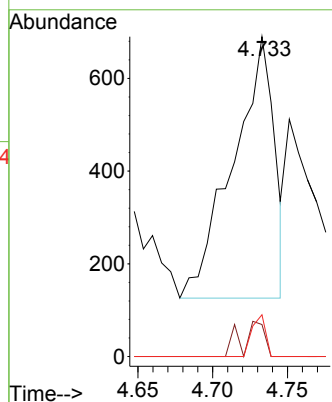
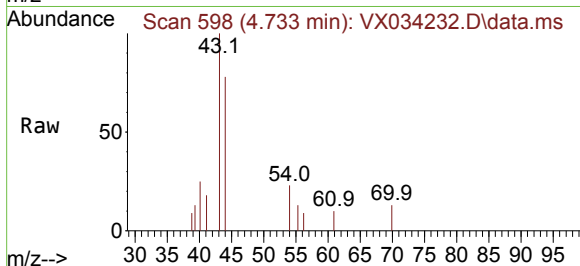
Tgt Ion: 43 Resp: 1085

Ion Ratio Lower Upper

43 100

61 7.2 11.1 16.7#

70 5.3 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 0.388 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

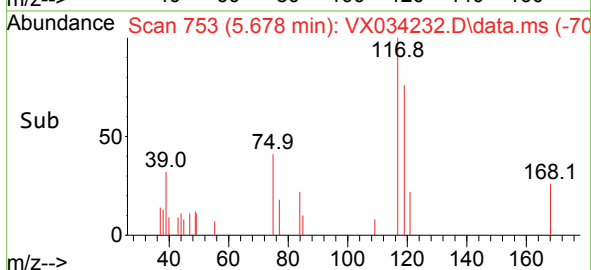
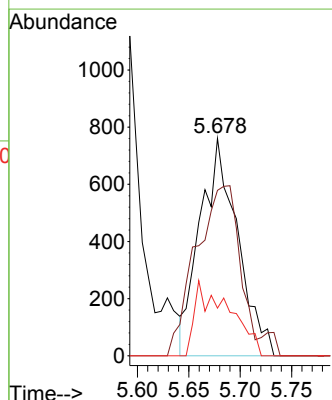
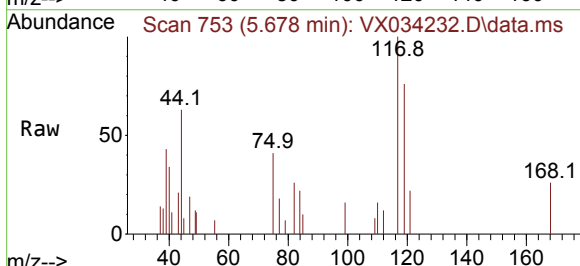
Tgt Ion: 117 Resp: 1923

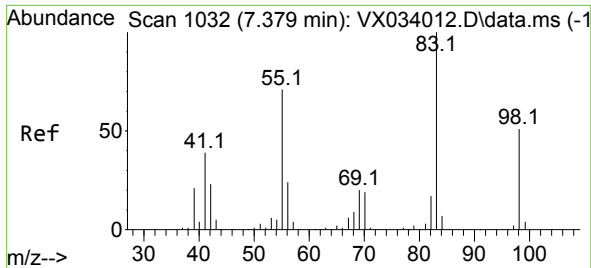
Ion Ratio Lower Upper

117 100

119 76.1 78.0 117.0#

121 21.9 24.4 36.6#

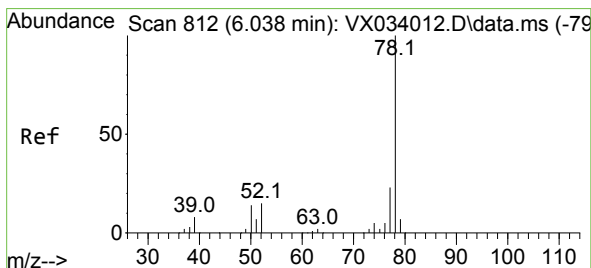
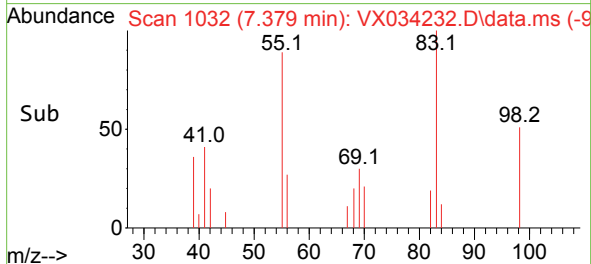
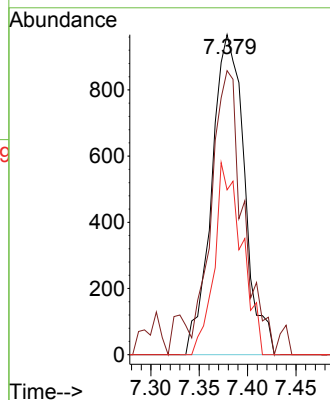
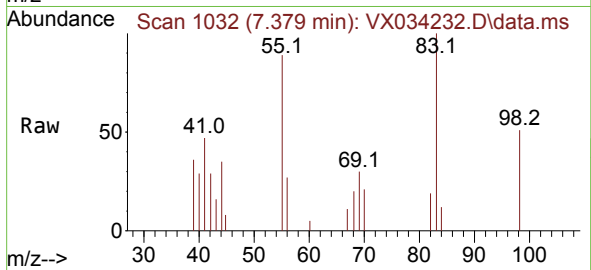




#39
Methylcyclohexane
Concen: 0.367 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

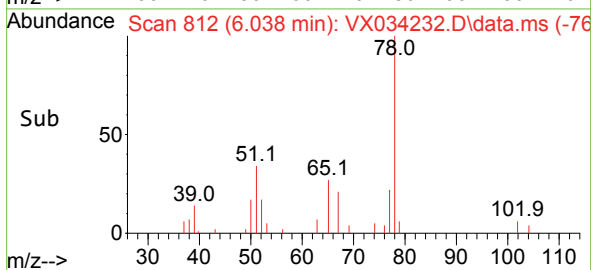
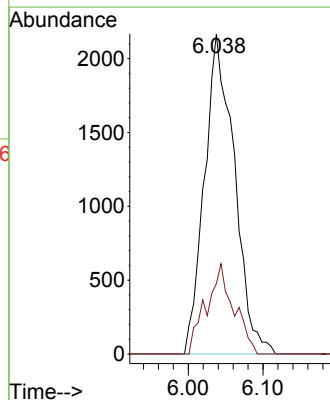
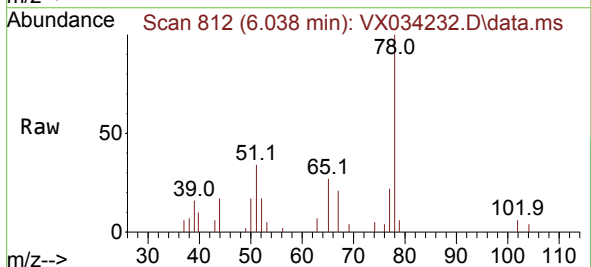
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

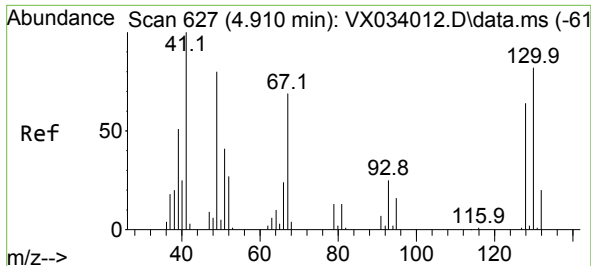
Tgt Ion: 83 Resp: 2274
Ion Ratio Lower Upper
83 100
55 82.2 61.8 92.6
98 51.5 39.3 58.9



#40
Benzene
Concen: 0.422 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 78 Resp: 6025
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.4

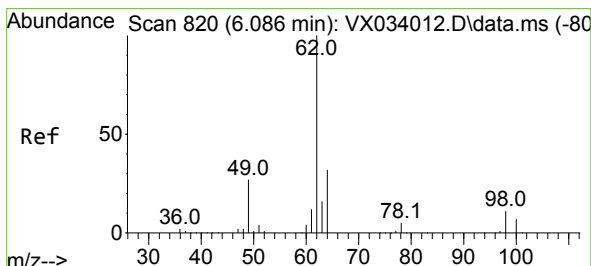
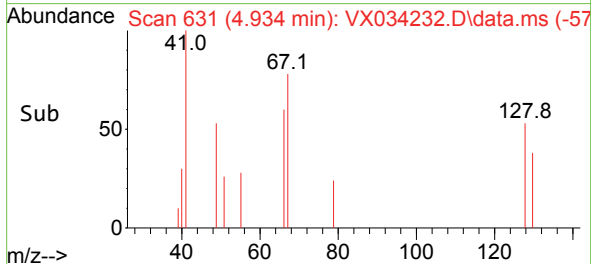
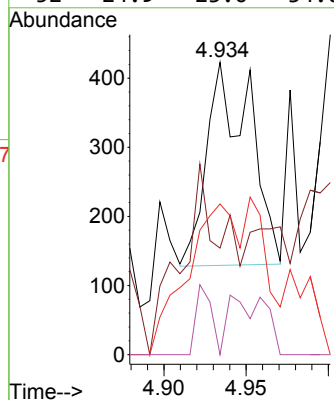
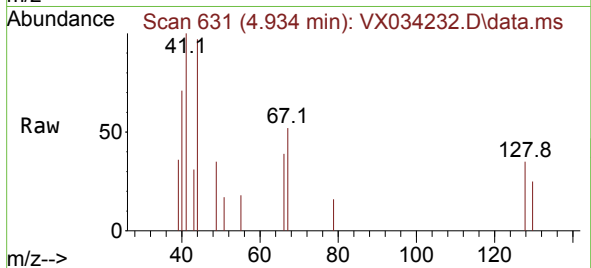




#41
Methacrylonitrile
Concen: 0.178 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

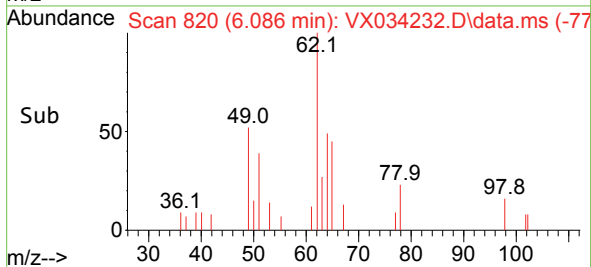
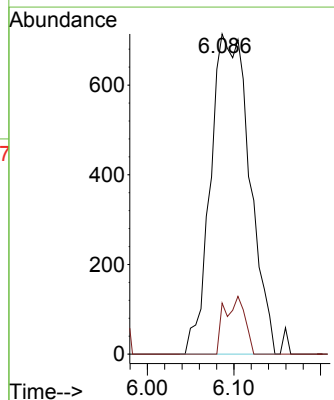
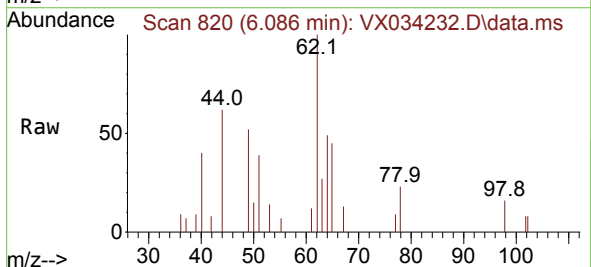
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

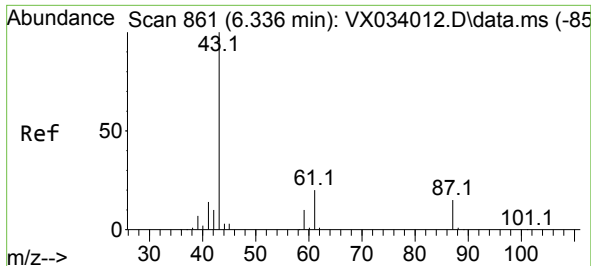
Tgt Ion:	41	Resp:	534
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.8	65.6#
67	89.1	54.8	82.2#
52	24.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 0.444 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion:	62	Resp:	2230
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 0.416 ug/l

RT: 6.355 min Scan# 8

Delta R.T. 0.018 min

Lab File: VX034232.D

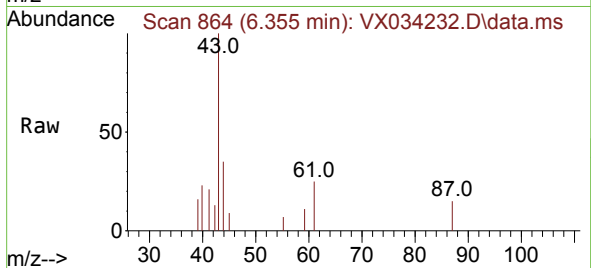
Acq: 22 Feb 2023 16:32

Instrument :

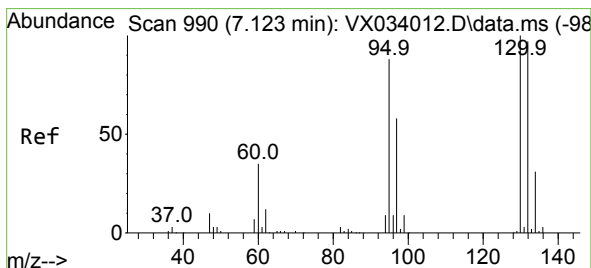
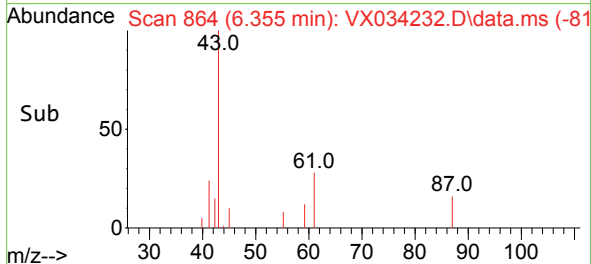
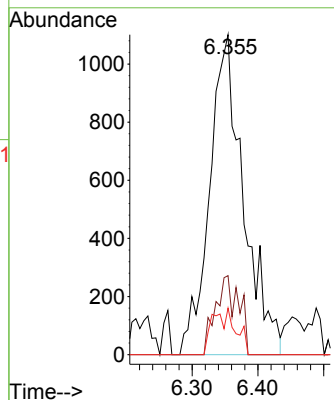
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion: 43	Resp:	3956
Ion Ratio	Lower	Upper
43	100	
61	11.5	15.7 23.5#
87	5.4	10.6 15.8#



#44

Trichloroethene

Concen: 0.456 ug/l

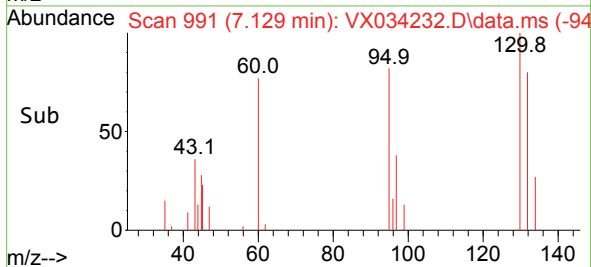
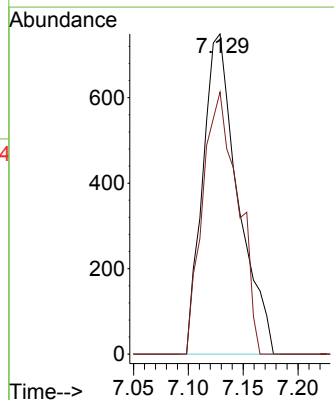
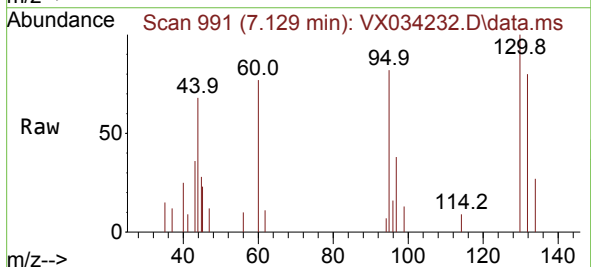
RT: 7.129 min Scan# 991

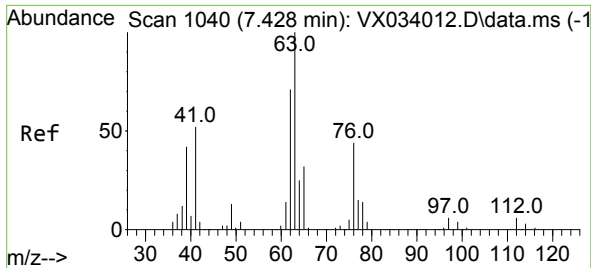
Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Tgt Ion: 130	Resp:	1670
Ion Ratio	Lower	Upper
130	100	
95	81.8	0.0 182.6

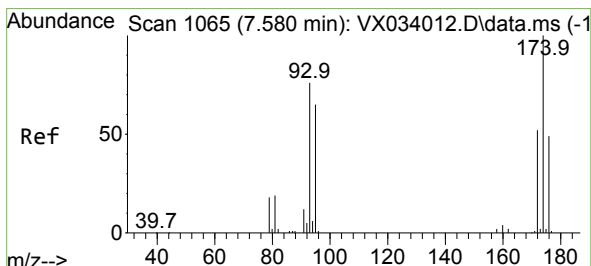
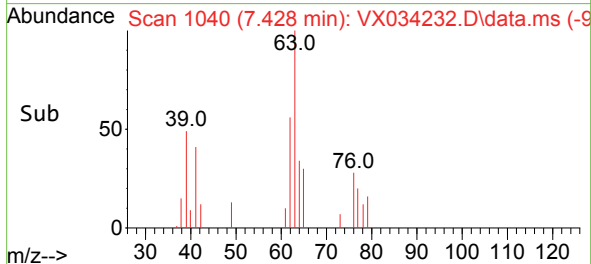
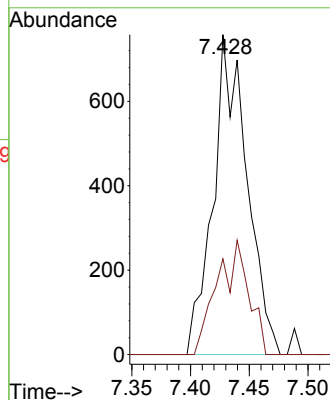
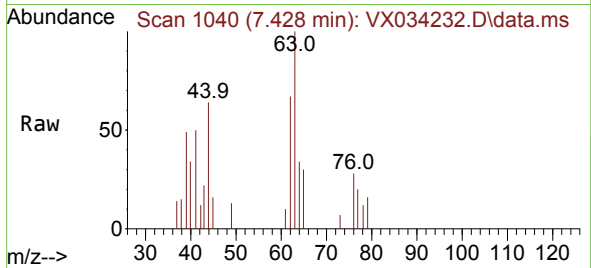




#45
1,2-Dichloropropane
Concen: 0.399 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

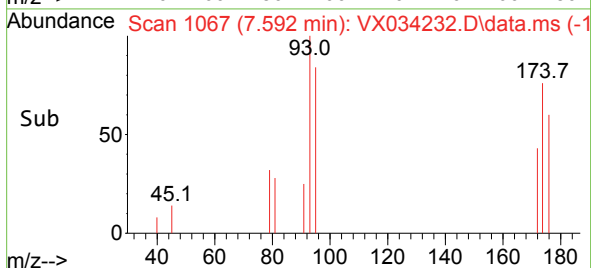
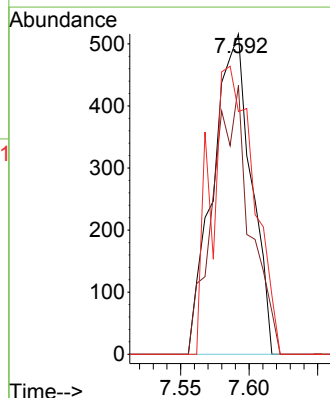
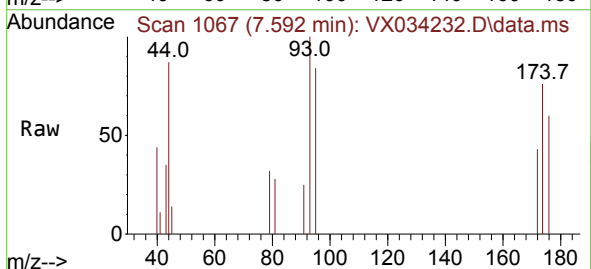
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

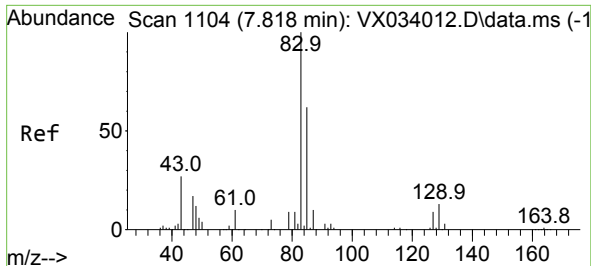
Tgt Ion: 63 Resp: 1517
Ion Ratio Lower Upper
63 100
65 29.9 24.2 36.2



#46
Dibromomethane
Concen: 0.401 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 93 Resp: 1003
Ion Ratio Lower Upper
93 100
95 81.7 67.6 101.4
174 100.0 97.4 146.0

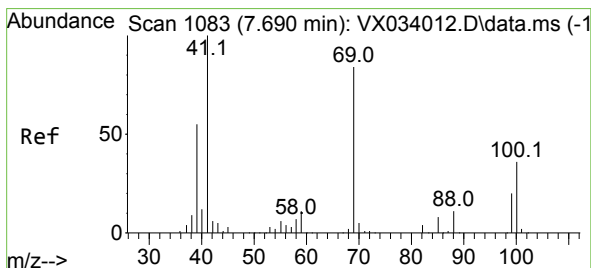
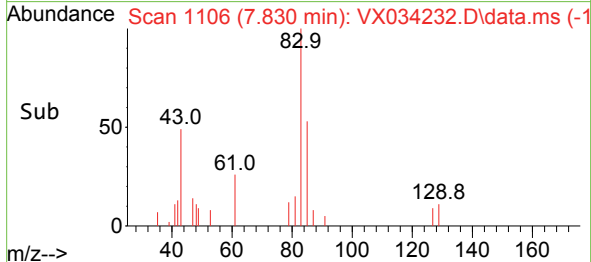
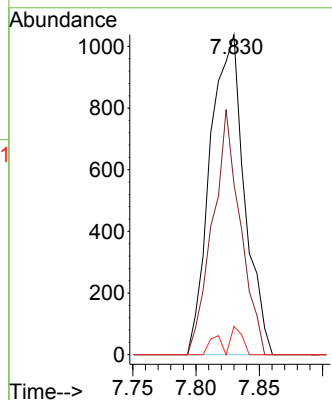
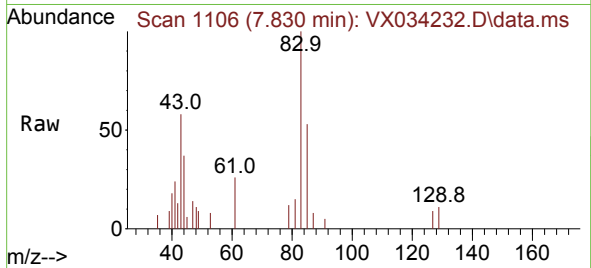




#47
Bromodichloromethane
Concen: 0.380 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

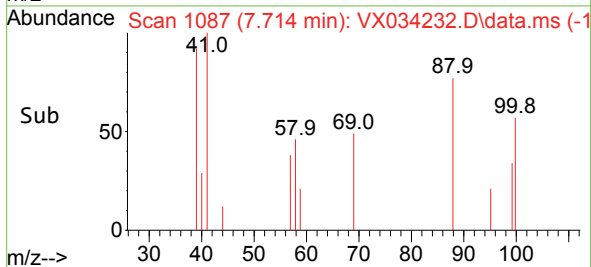
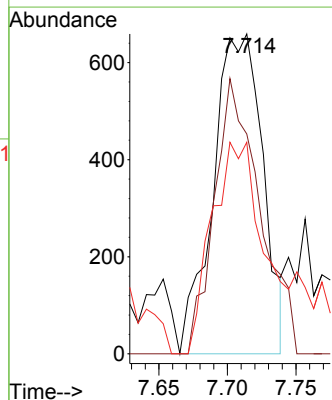
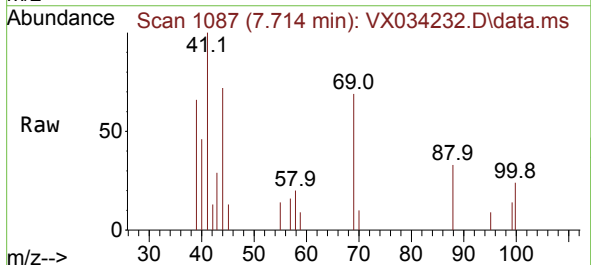
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

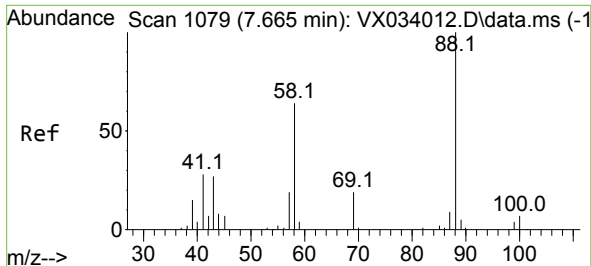
Tgt Ion: 83 Resp: 1953
Ion Ratio Lower Upper
83 100
85 53.4 49.8 74.6
127 8.9 7.0 10.4



#48
Methyl methacrylate
Concen: 0.369 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.025 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 41 Resp: 1664
Ion Ratio Lower Upper
41 100
69 78.6 63.1 94.7
39 83.1 43.2 64.8#

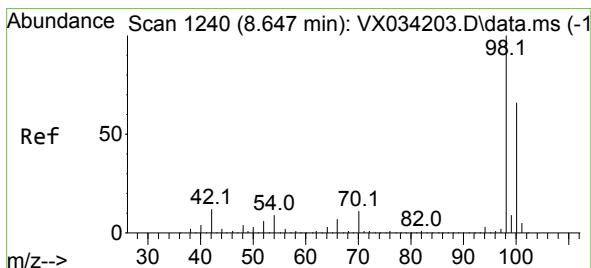
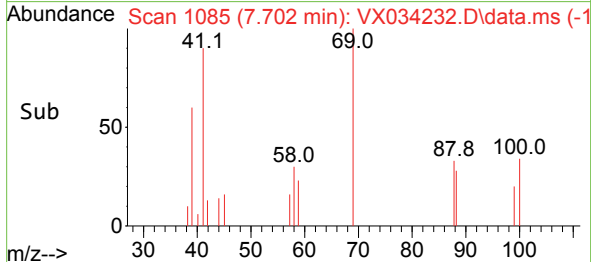
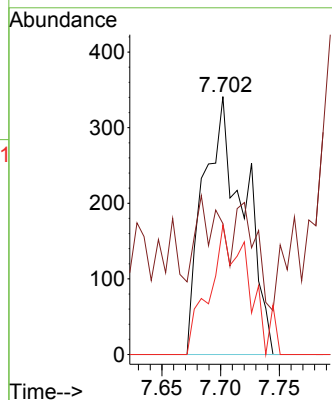
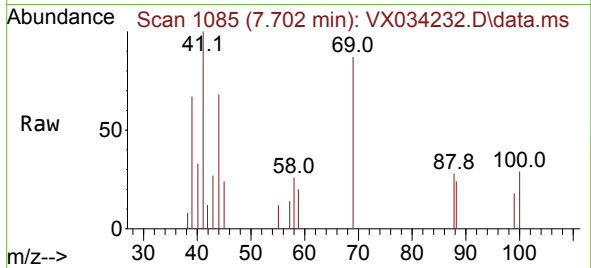




#49
1,4-Dioxane
Concen: 9.083 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.049 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

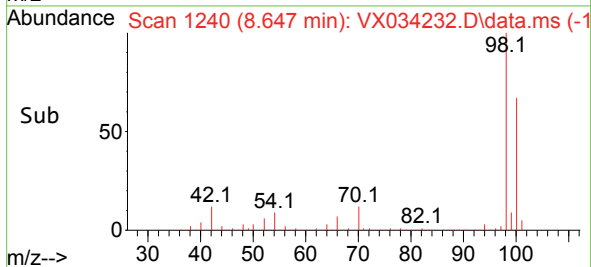
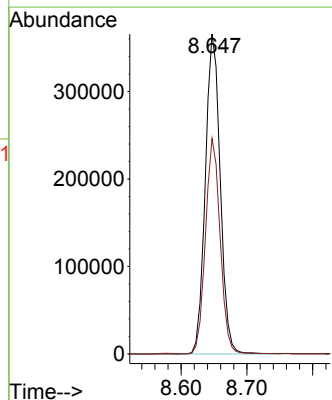
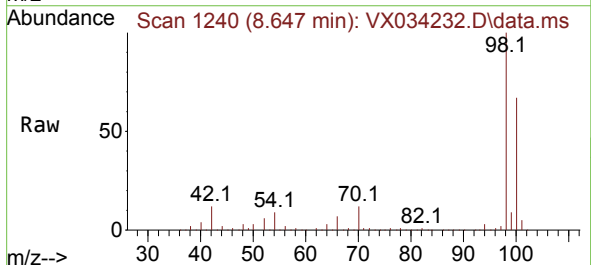
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

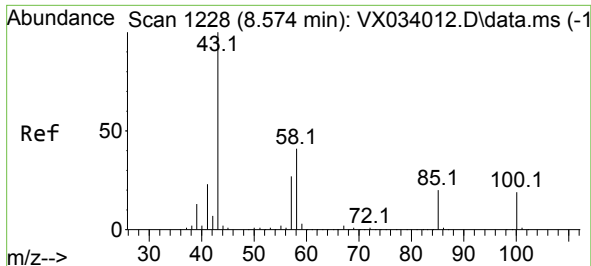
Tgt Ion: 88 Resp: 817
Ion Ratio Lower Upper
88 100
43 18.6 0.0 0.0#
58 48.6 56.5 84.7#



#50
Toluene-d8
Concen: 49.295 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 98 Resp: 576534
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4

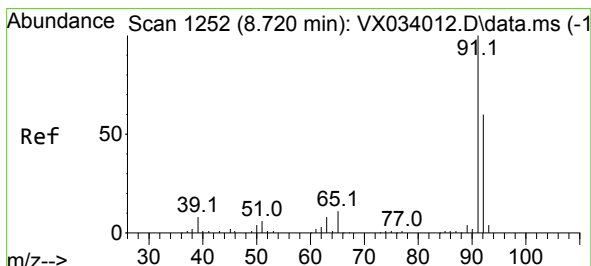
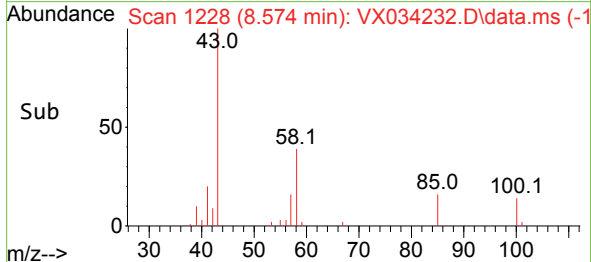
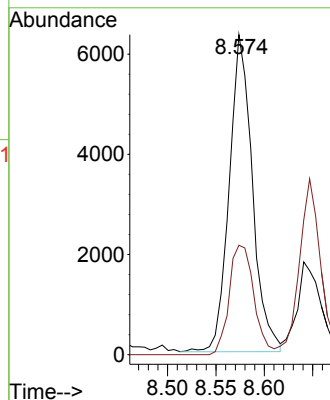
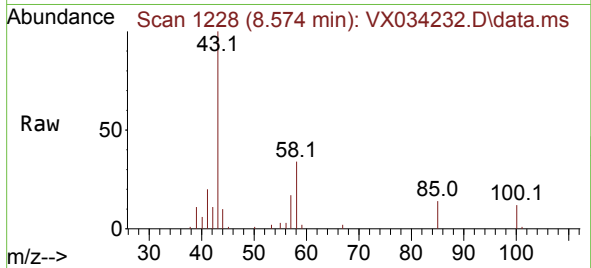




#51
4-Methyl-2-Pentanone
Concen: 2.016 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

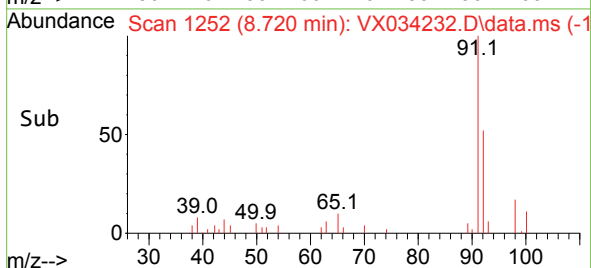
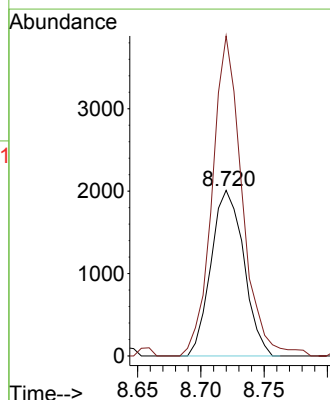
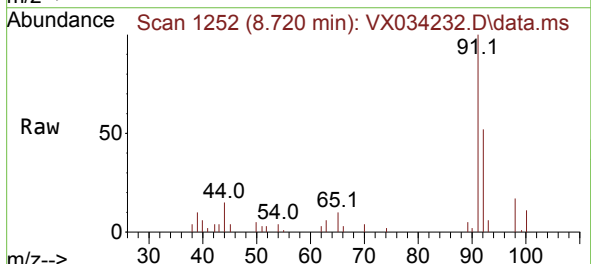
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

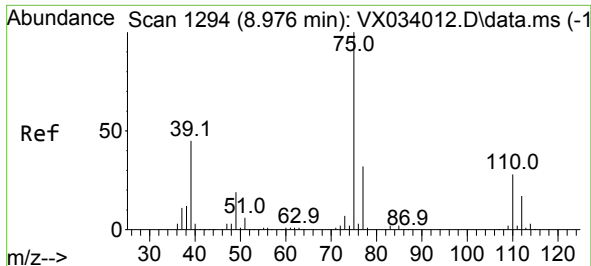
Tgt Ion: 43 Resp: 10536
Ion Ratio Lower Upper
43 100
58 36.8 31.2 46.8



#52
Toluene
Concen: 0.419 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 92 Resp: 3622
Ion Ratio Lower Upper
92 100
91 176.4 135.5 203.3

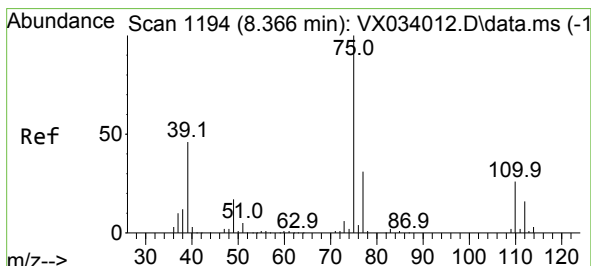
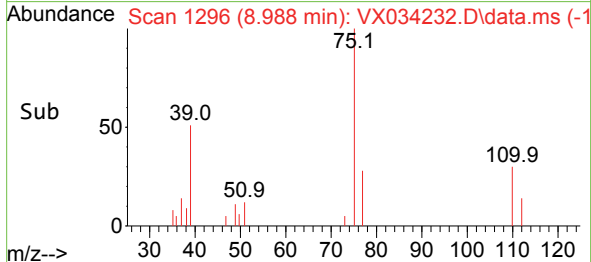
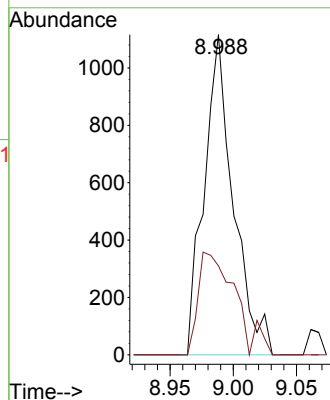
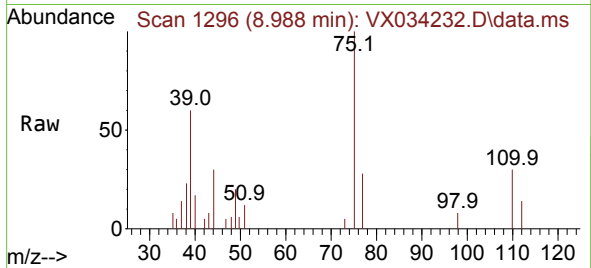




#53
 t-1,3-Dichloropropene
 Concen: 0.302 ug/l
 RT: 8.988 min Scan# 1195
 Delta R.T. 0.012 min
 Lab File: VX034232.D
 Acq: 22 Feb 2023 16:32

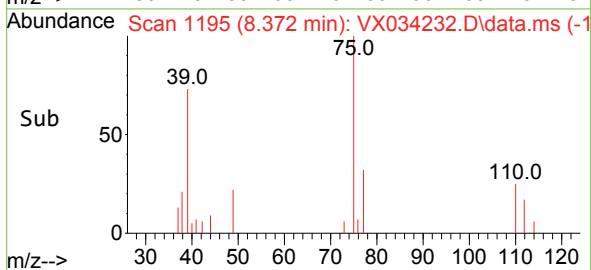
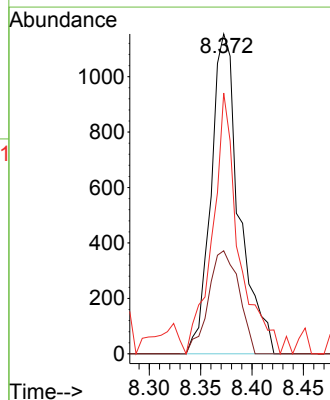
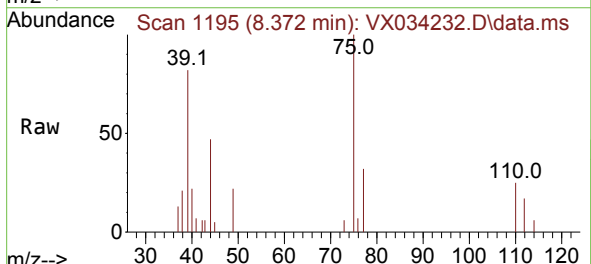
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

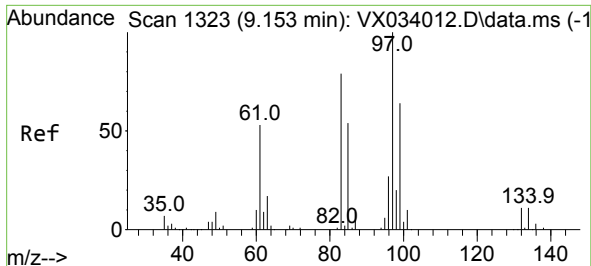
Tgt Ion: 75 Resp: 1787
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 0.349 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX034232.D
 Acq: 22 Feb 2023 16:32

Tgt Ion: 75 Resp: 2207
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.6
 39 81.5 38.6 58.0#

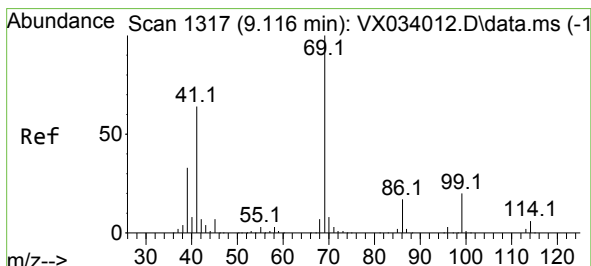
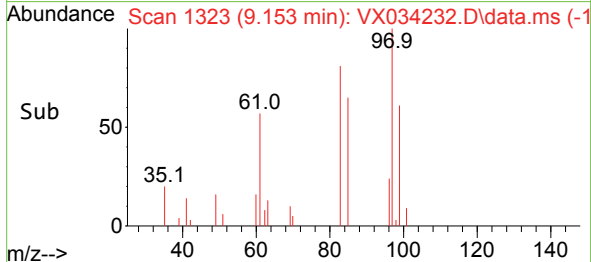
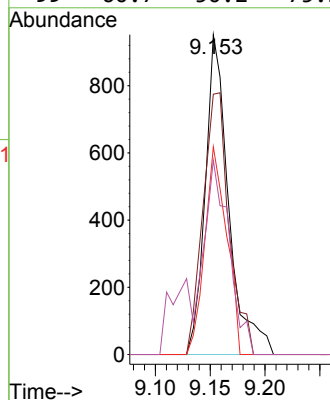
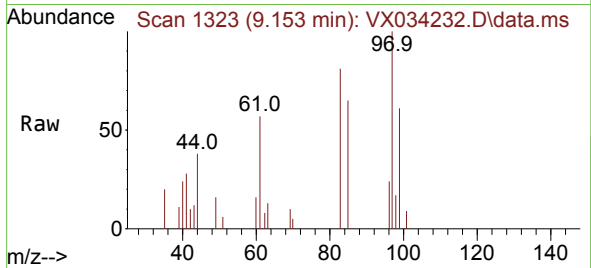




#55
1,1,2-Trichloroethane
Concen: 0.406 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

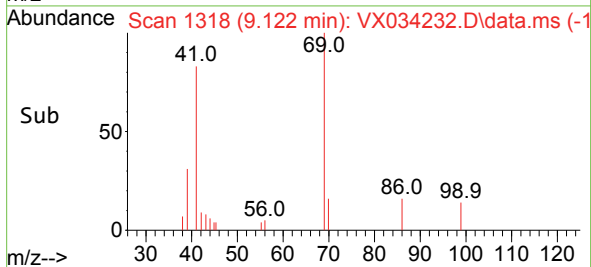
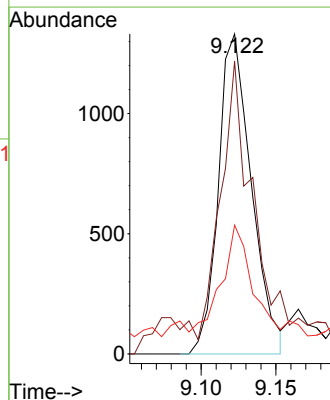
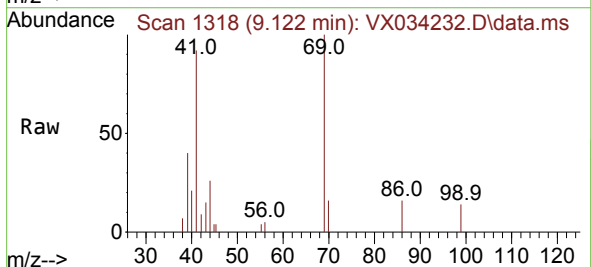
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

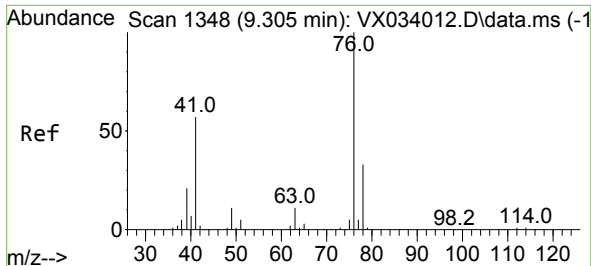
Tgt Ion: 97	Resp: 1417
Ion Ratio	Lower Upper
97 100	
83 81.4	67.4 101.0
85 64.9	43.2 64.8#
99 60.7	50.2 75.2



#56
Ethyl methacrylate
Concen: 0.347 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 69	Resp: 2047		
Ion Ratio	Lower	Upper	
69 100			
41 103.1	55.1	82.7#	
39 42.1	28.5	42.7	





#57

1,3-Dichloropropane

Concen: 0.396 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

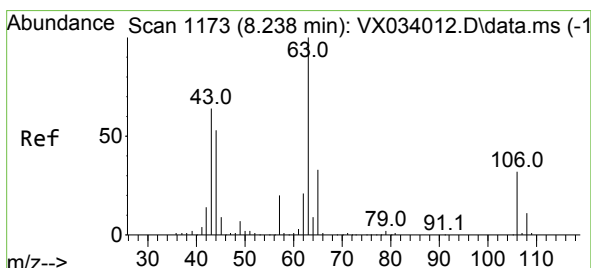
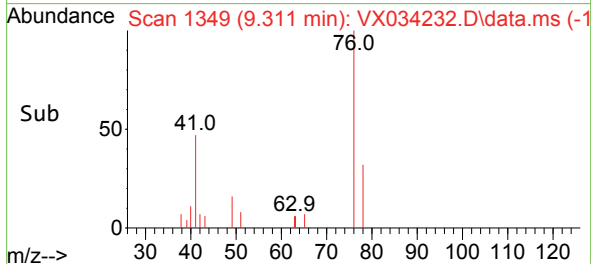
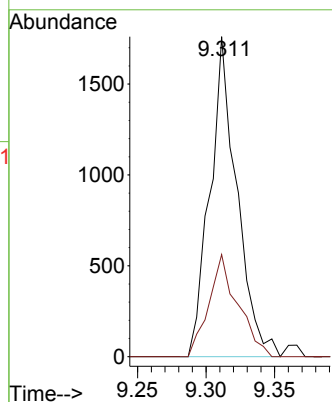
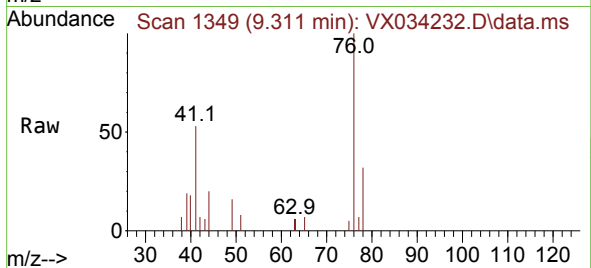
MDL-WATER-03-QT1-2023

Tgt Ion: 76 Resp: 2405

Ion Ratio Lower Upper

76 100

78 34.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 1.904 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034232.D

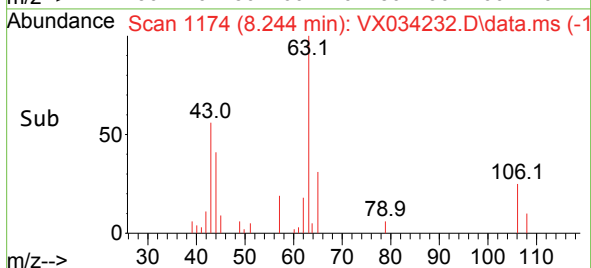
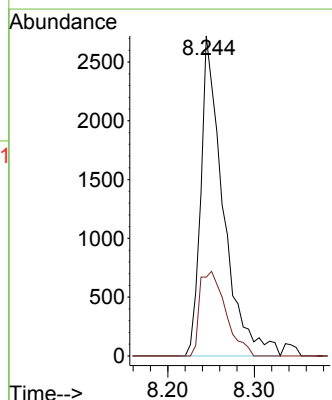
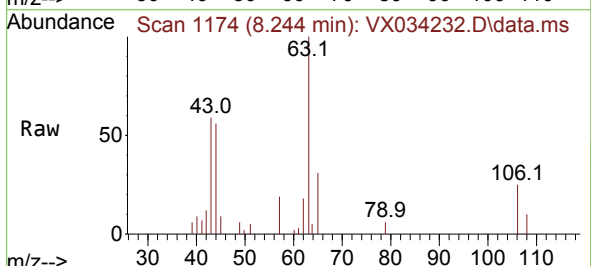
Acq: 22 Feb 2023 16:32

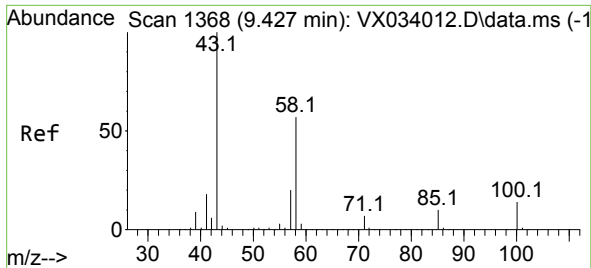
Tgt Ion: 63 Resp: 4871

Ion Ratio Lower Upper

63 100

106 30.7 24.5 36.7

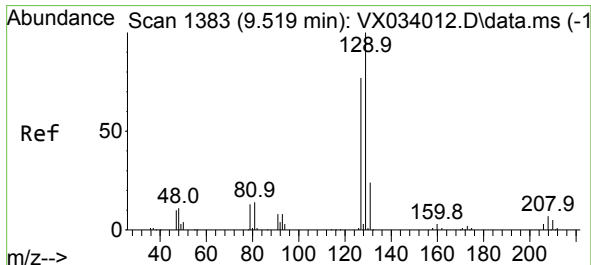
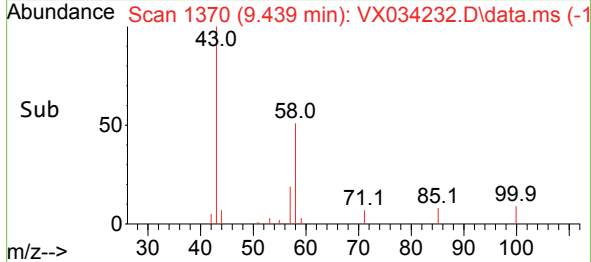
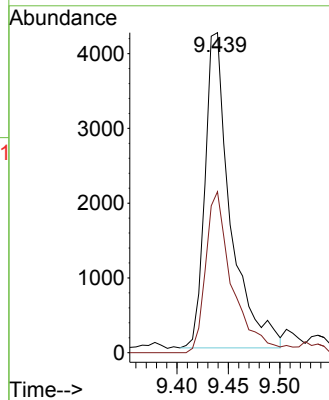
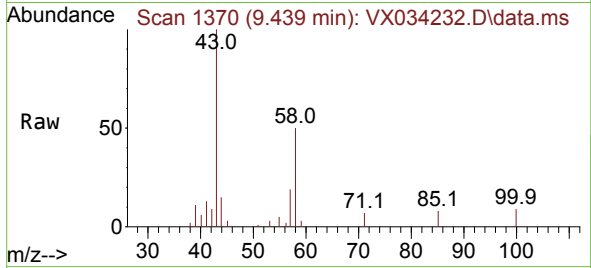




#59
2-Hexanone
Concen: 1.825 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

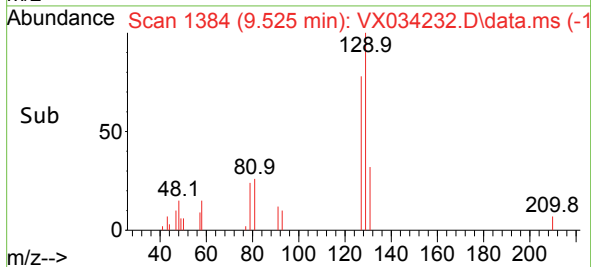
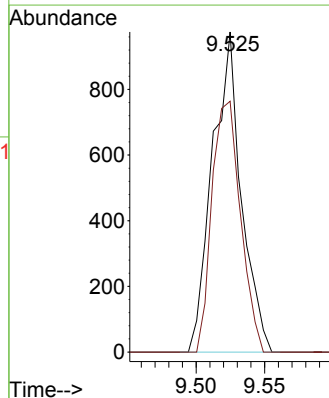
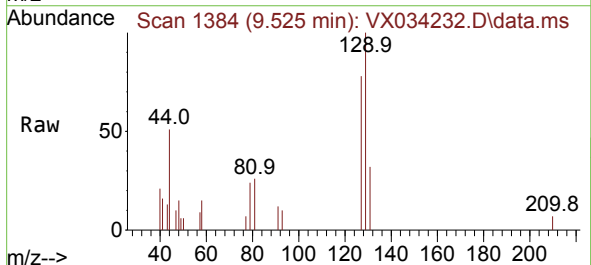
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

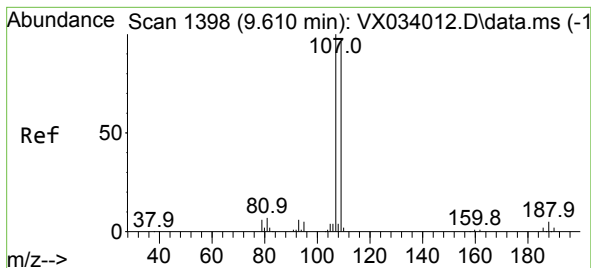
Tgt Ion: 43 Resp: 7269
Ion Ratio Lower Upper
43 100
58 53.7 27.4 82.0



#60
Dibromochloromethane
Concen: 0.371 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 129 Resp: 1431
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 0.400 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

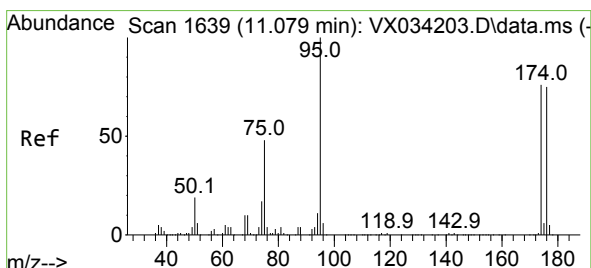
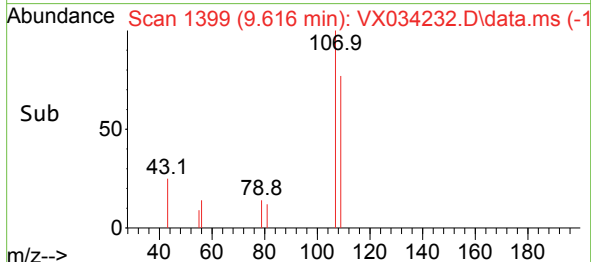
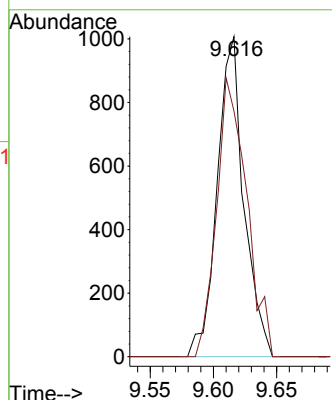
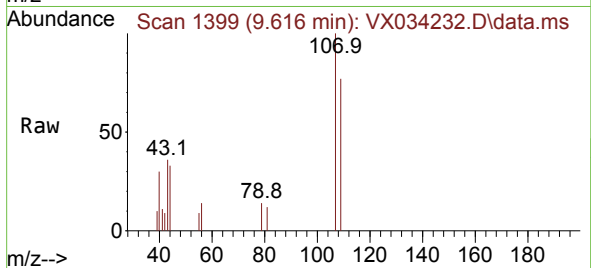
MDL-WATER-03-QT1-2023

Tgt Ion:107 Resp: 1477

Ion Ratio Lower Upper

107 100

109 98.0 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 45.204 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

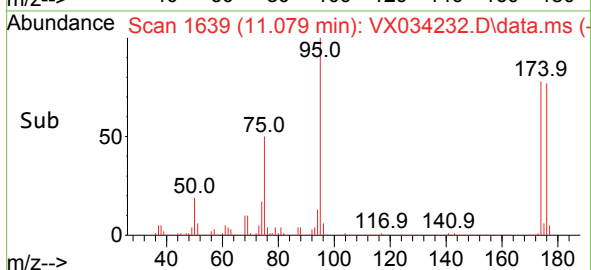
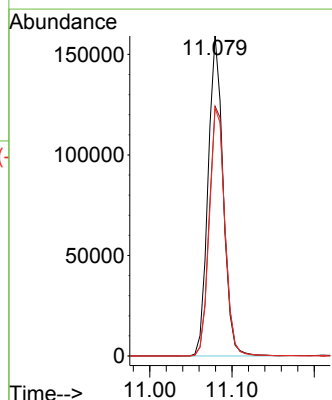
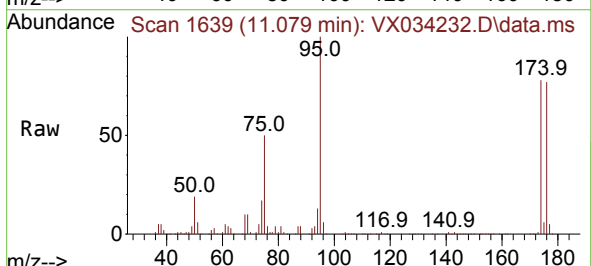
Tgt Ion: 95 Resp: 202224

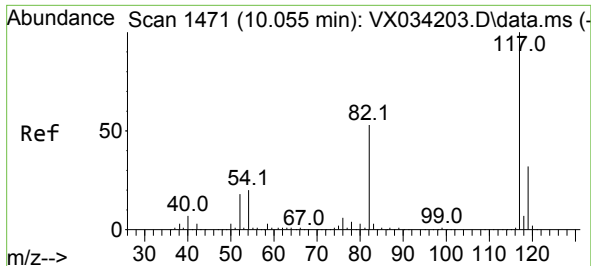
Ion Ratio Lower Upper

95 100

174 81.4 0.0 184.4

176 79.7 0.0 178.8

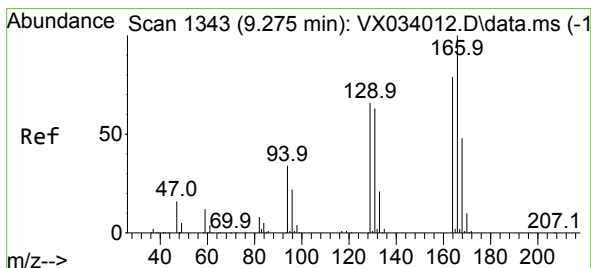
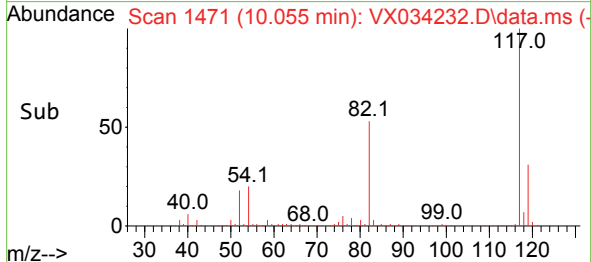
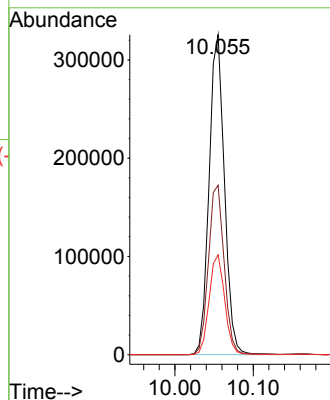
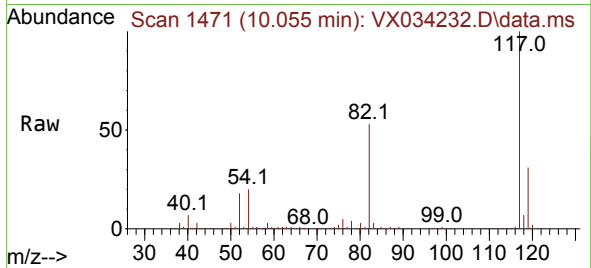




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

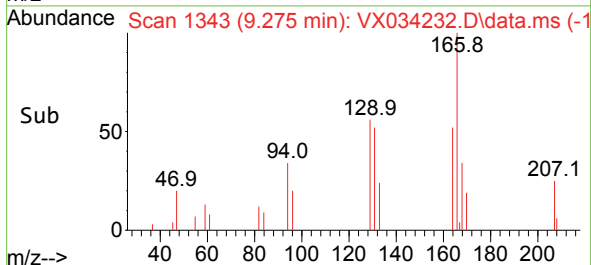
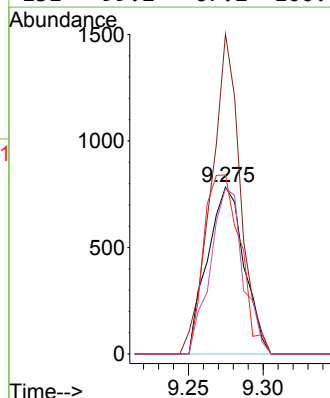
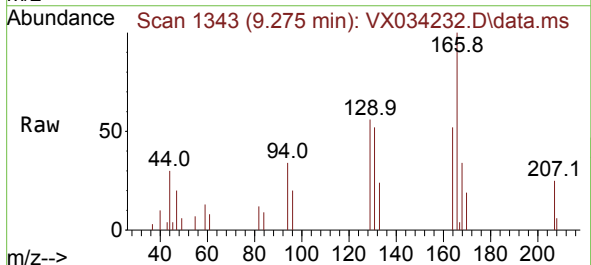
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

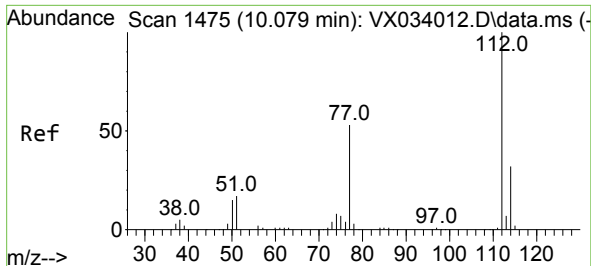
Tgt Ion:117 Resp: 442146
Ion Ratio Lower Upper
117 100
82 52.9 40.6 60.8
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 0.426 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion:164 Resp: 1330
Ion Ratio Lower Upper
164 100
166 191.7 100.2 150.2#
129 107.3 69.2 103.8#
131 99.2 67.2 100.8

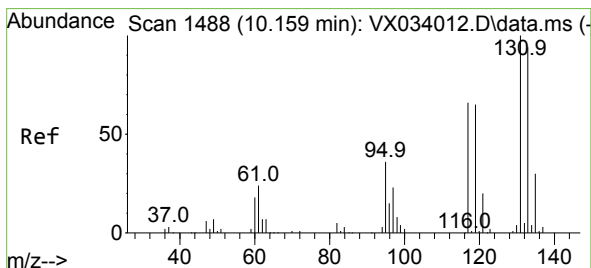
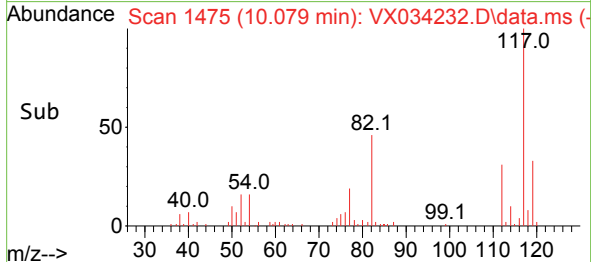
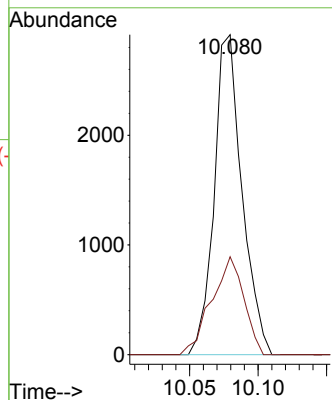
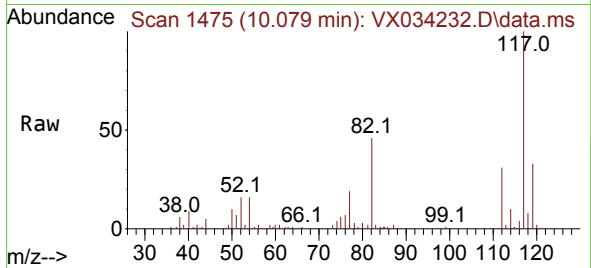




#65
Chlorobenzene
Concen: 0.446 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

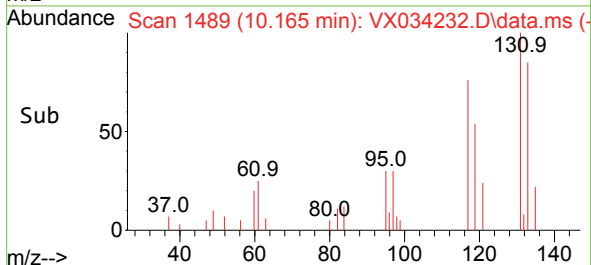
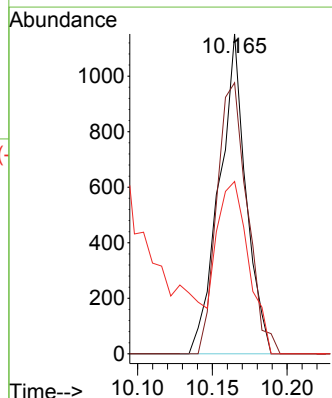
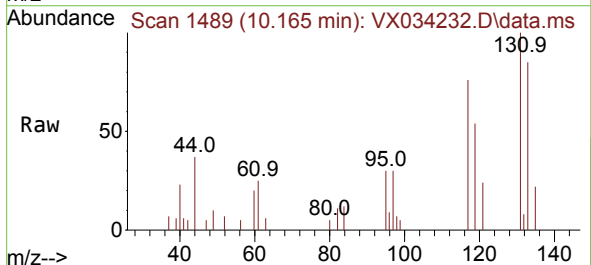
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

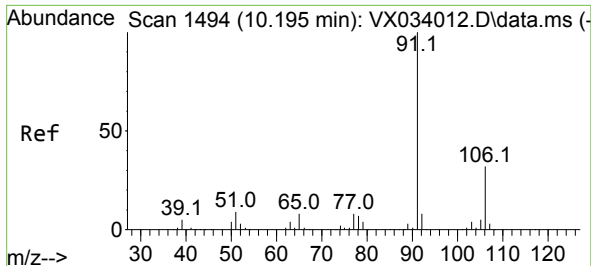
Tgt Ion:112 Resp: 4112
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.401 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion:131 Resp: 1431
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 0.0 31.9 95.7#

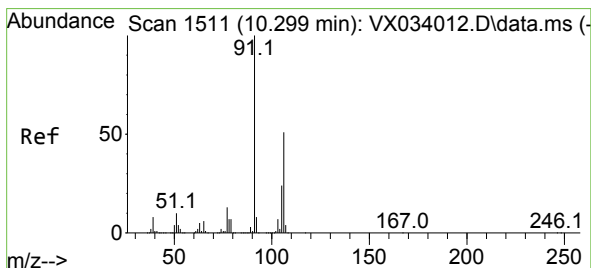
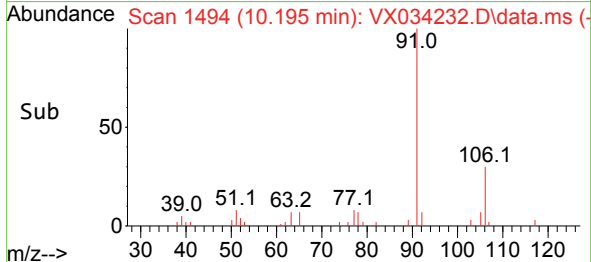
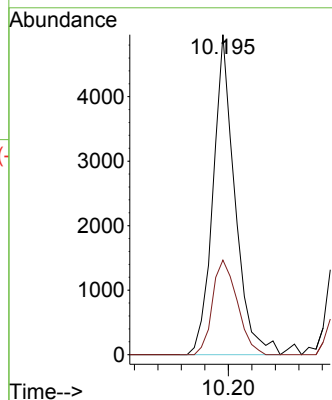
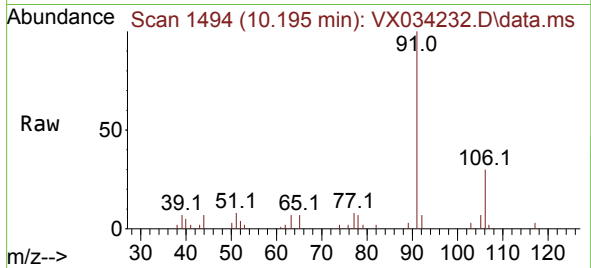




#67
Ethyl Benzene
Concen: 0.387 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

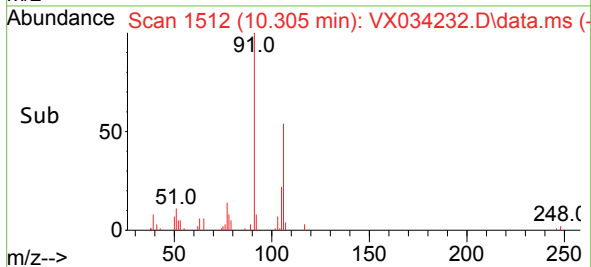
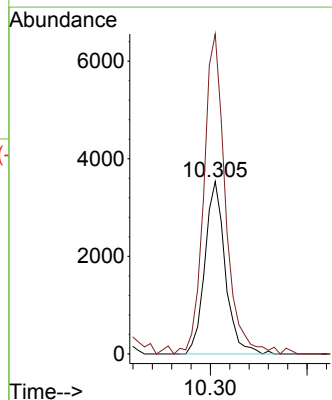
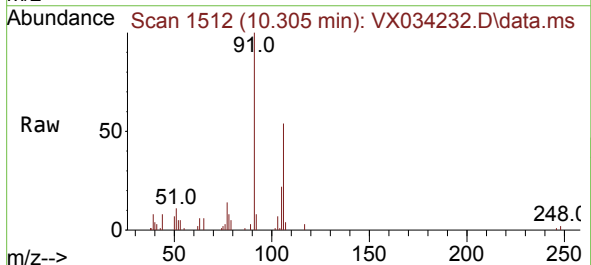
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

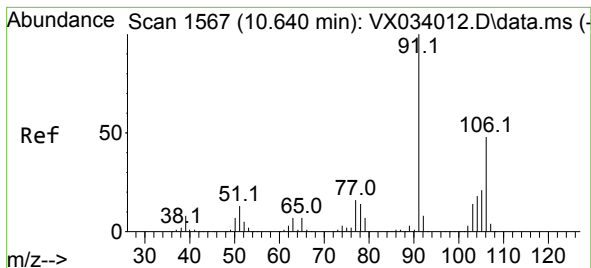
Tgt Ion: 91 Resp: 6410
Ion Ratio Lower Upper
91 100
106 29.5 25.8 38.8



#68
m/p-Xylenes
Concen: 0.816 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 106 Resp: 5172
Ion Ratio Lower Upper
106 100
91 196.5 156.4 234.6





#69

o-Xylene

Concen: 0.410 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

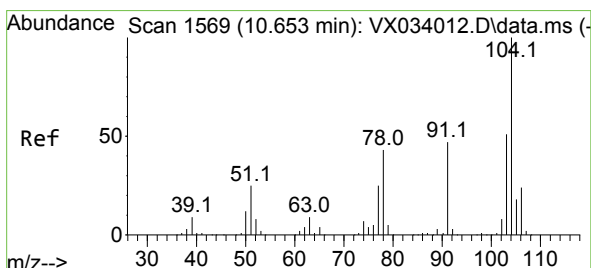
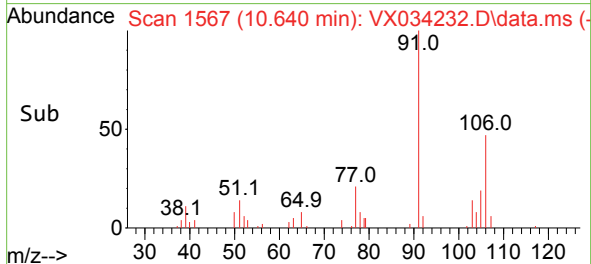
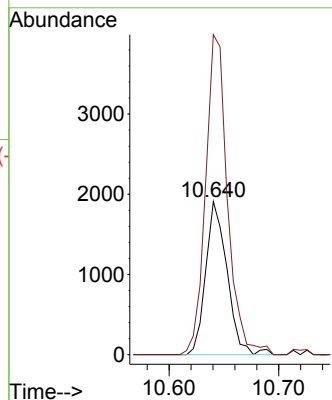
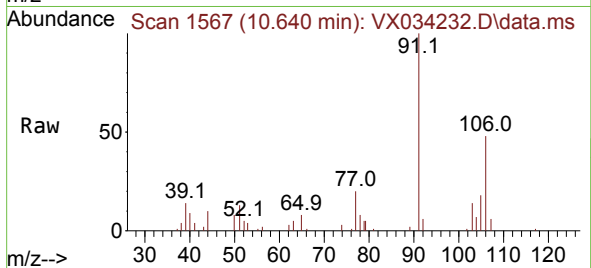
MDL-WATER-03-QT1-2023

Tgt Ion:106 Resp: 2585

Ion Ratio Lower Upper

106 100

91 214.9 103.1 309.3



#70

Styrene

Concen: 0.352 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

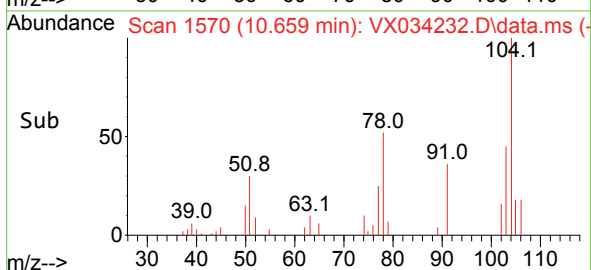
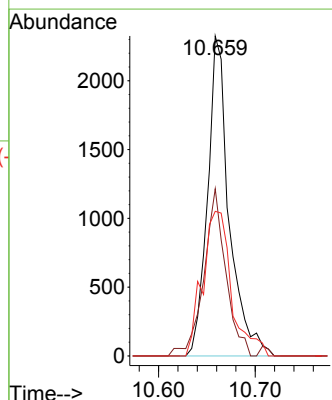
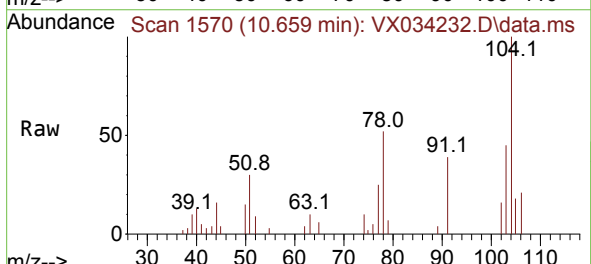
Tgt Ion:104 Resp: 3614

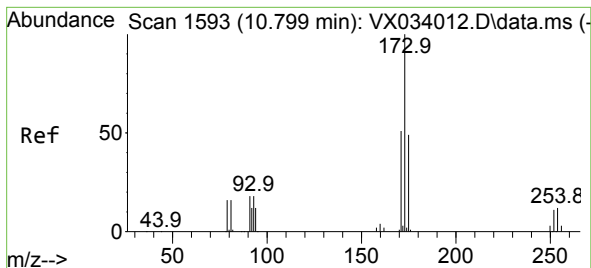
Ion Ratio Lower Upper

104 100

78 53.1 37.5 56.3

103 60.5 43.3 64.9





#71

Bromoform

Concen: 0.328 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

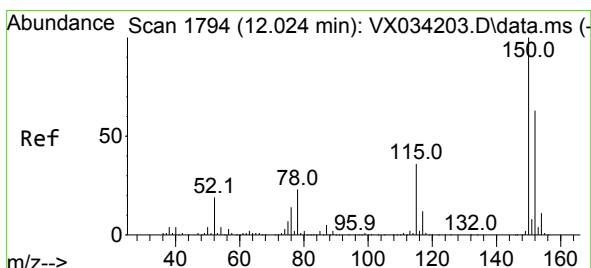
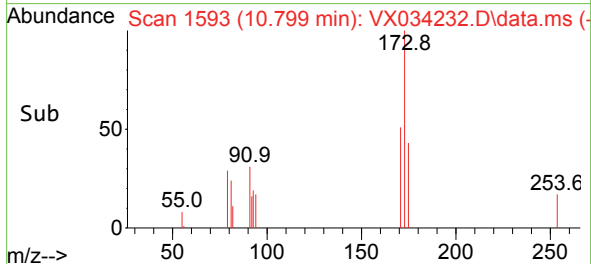
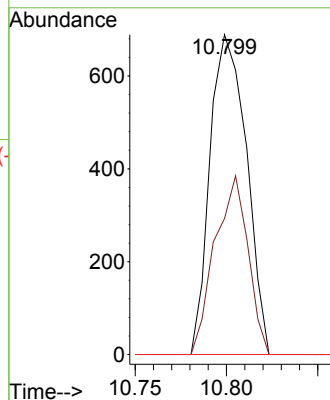
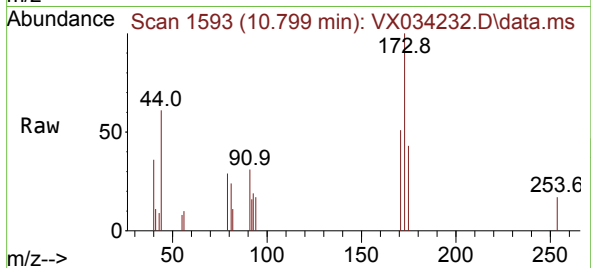
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:173	Resp:	956
Ion Ratio	Lower	Upper
173	100	
175	50.7	24.1 72.3
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

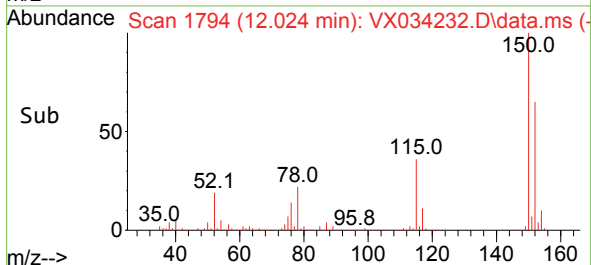
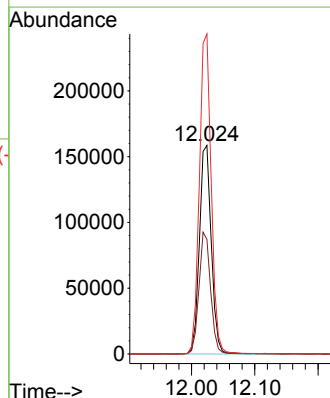
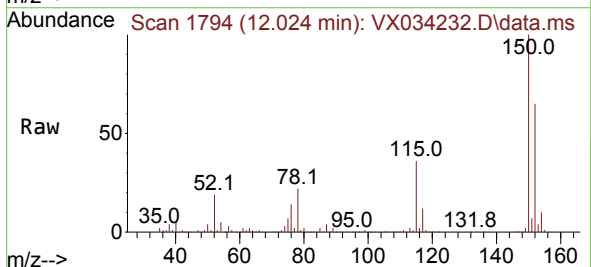
RT: 12.024 min Scan# 1794

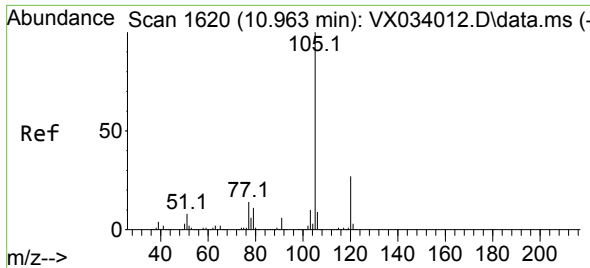
Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Tgt Ion:152	Resp:	207337
Ion Ratio	Lower	Upper
152	100	
115	57.1	38.7 116.1
150	152.9	0.0 348.2

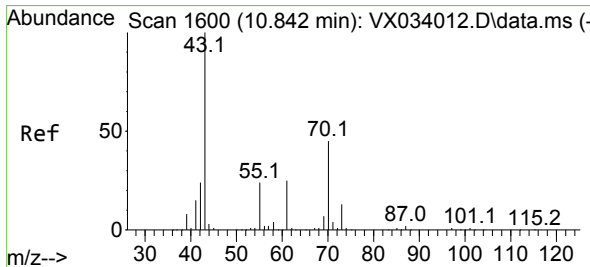
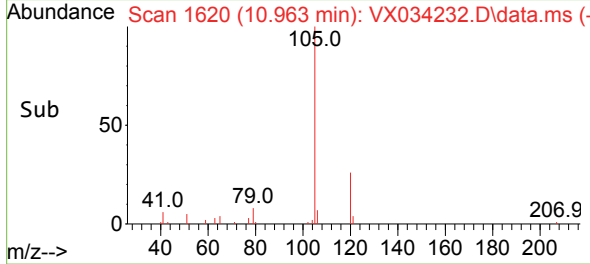
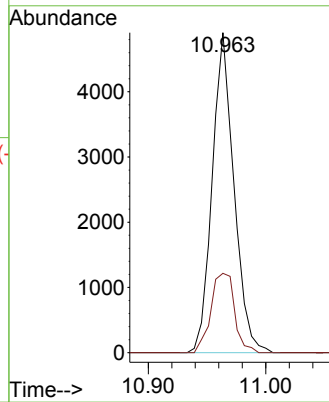
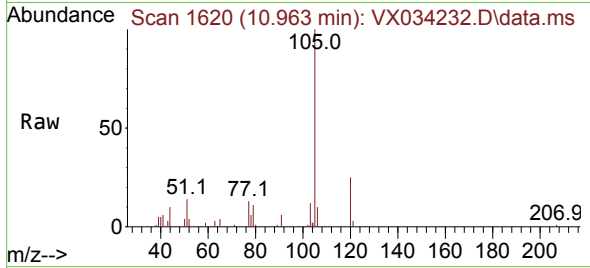




#73
Isopropylbenzene
Concen: 0.399 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

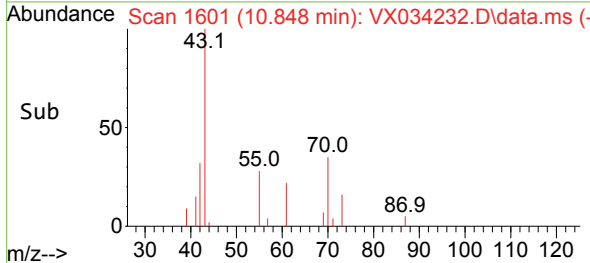
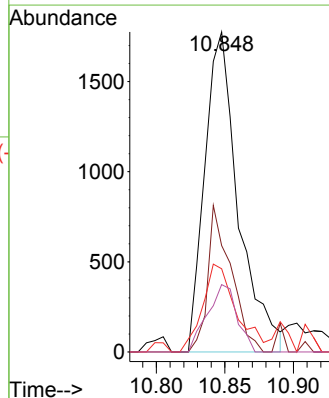
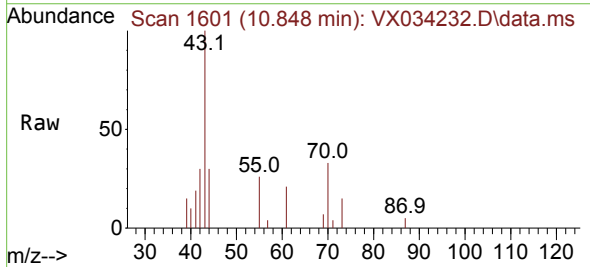
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

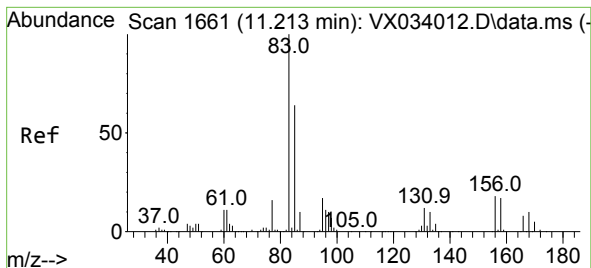
Tgt Ion:105 Resp: 6302
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8



#74
N-ethyl acetate
Concen: 0.381 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 43 Resp: 3026
Ion Ratio Lower Upper
43 100
70 31.8 34.8 52.2#
55 27.5 19.4 29.0
61 18.6 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.358 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

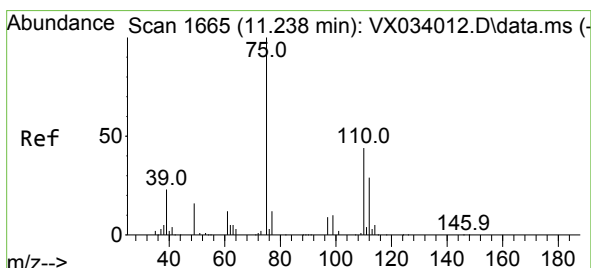
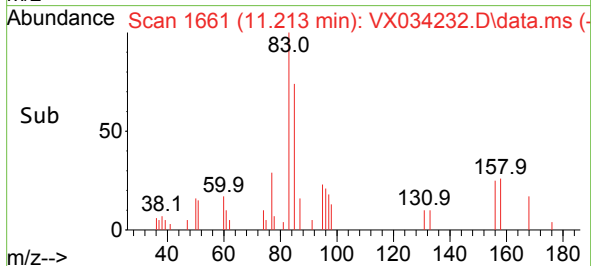
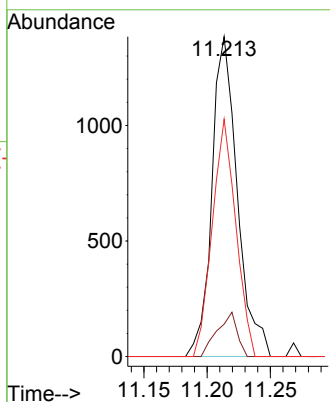
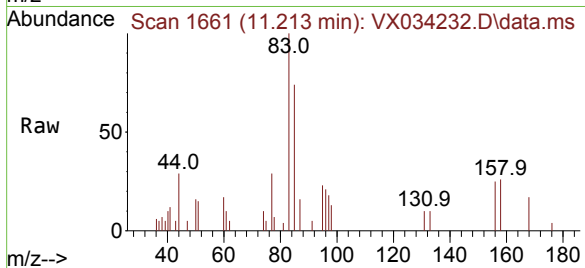
Tgt Ion: 83 Resp: 1935

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

85 68.7 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 19.269 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034232.D

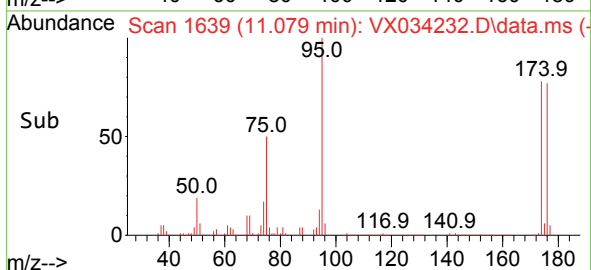
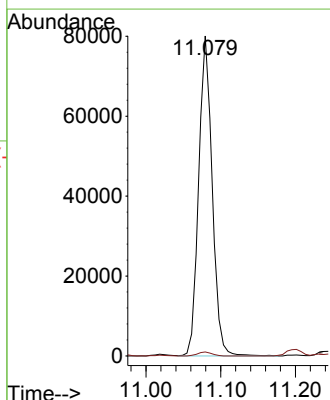
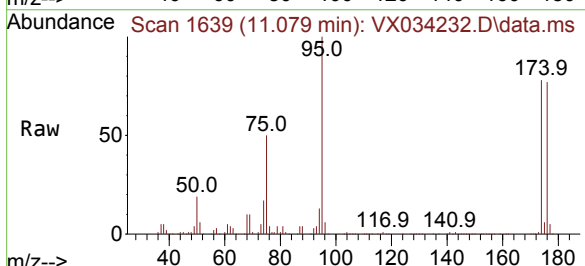
Acq: 22 Feb 2023 16:32

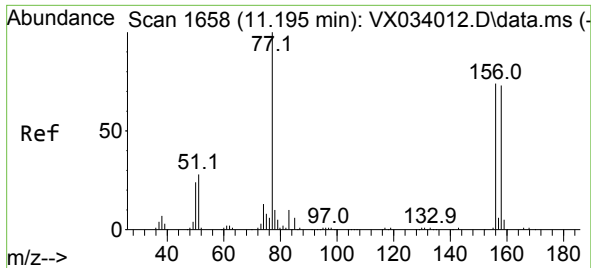
Tgt Ion: 75 Resp: 100531

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#

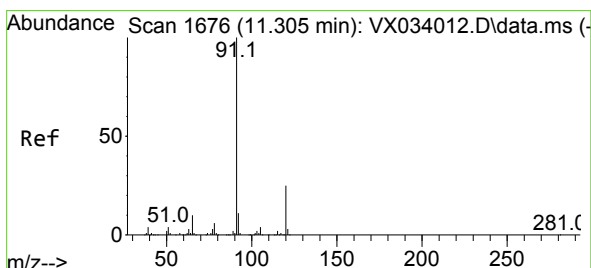
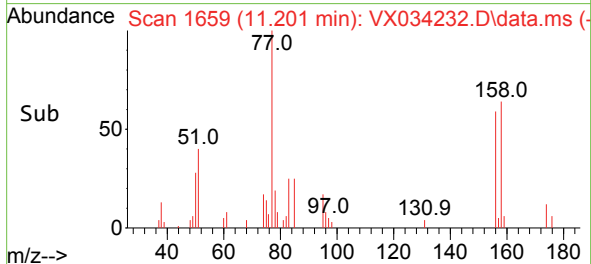
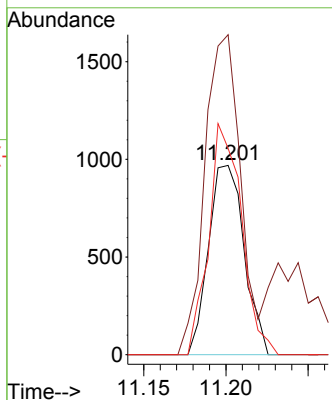
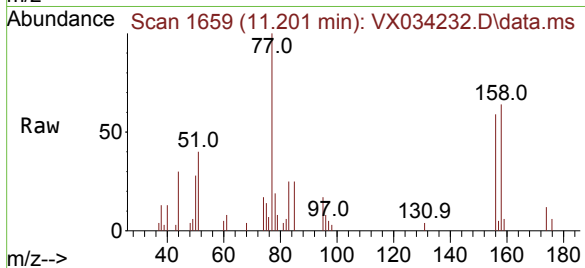




#77
Bromobenzene
Concen: 0.384 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

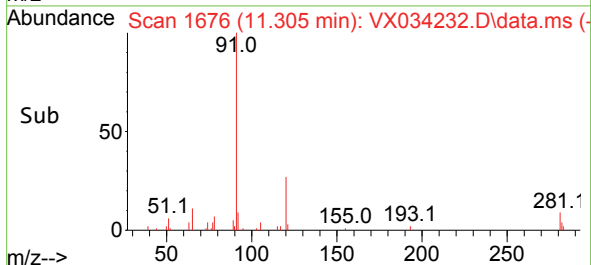
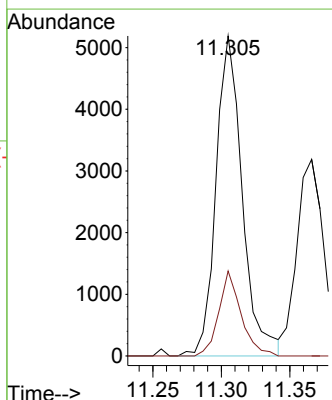
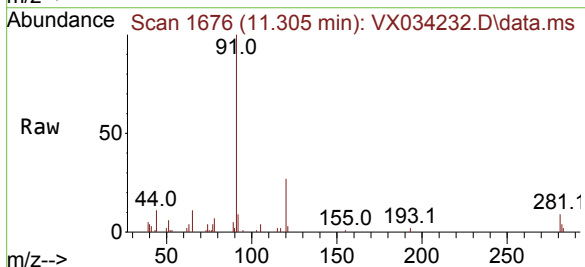
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

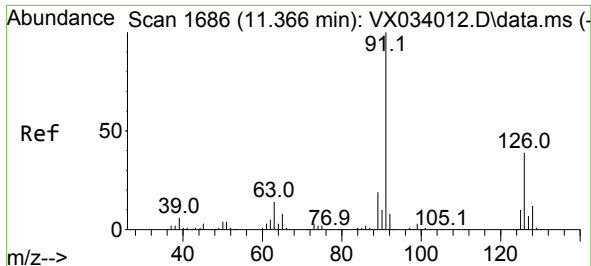
Tgt Ion:156 Resp: 1459
Ion Ratio Lower Upper
156 100
77 168.3 68.1 204.3
158 112.3 48.0 144.2



#78
n-propylbenzene
Concen: 0.376 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 91 Resp: 6911
Ion Ratio Lower Upper
91 100
120 22.6 12.3 36.8

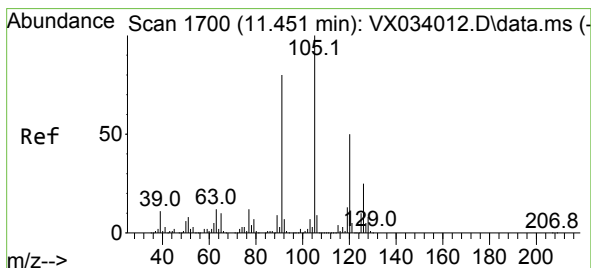
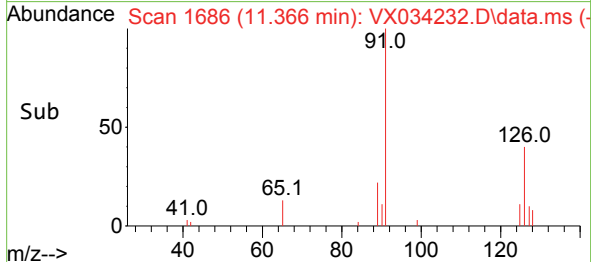
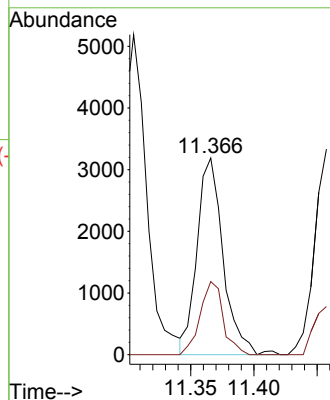
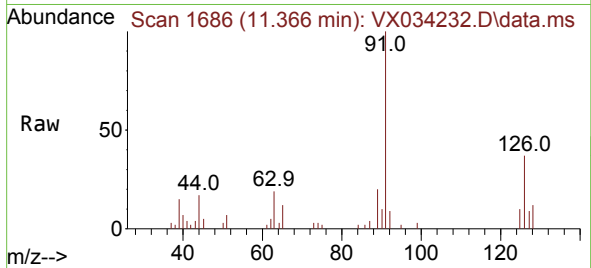




#79
2-Chlorotoluene
Concen: 0.407 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

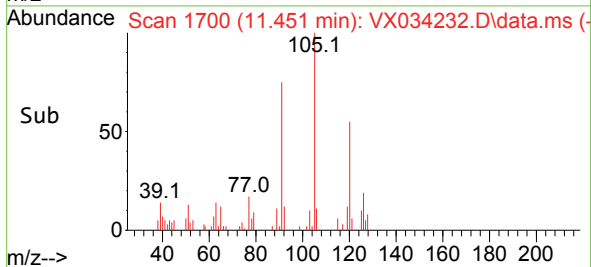
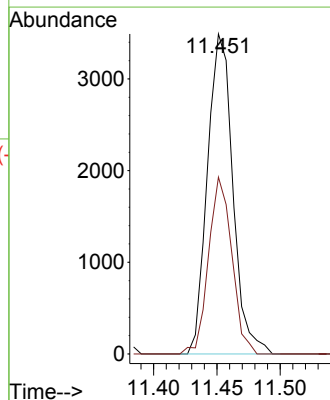
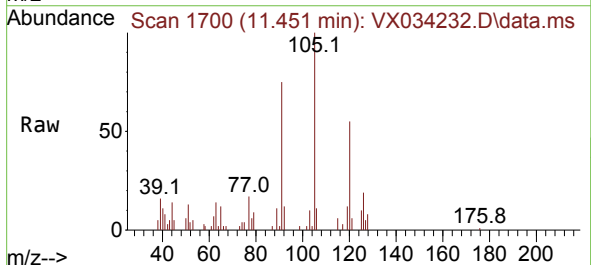
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

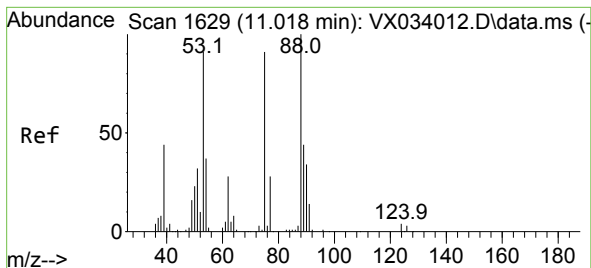
Tgt Ion: 91 Resp: 4581
Ion Ratio Lower Upper
91 100
126 32.9 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 0.367 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 105 Resp: 4879
Ion Ratio Lower Upper
105 100
120 50.6 25.6 76.8

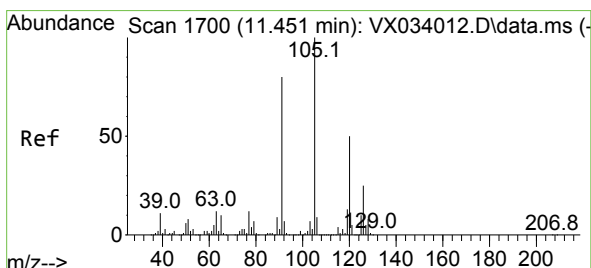
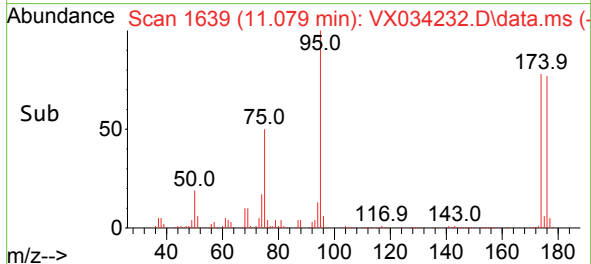
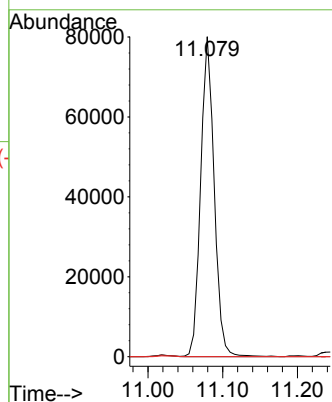
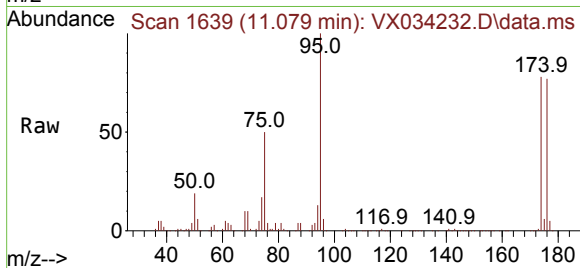




#81
trans-1,4-Dichloro-2-butene
Concen: 49.501 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

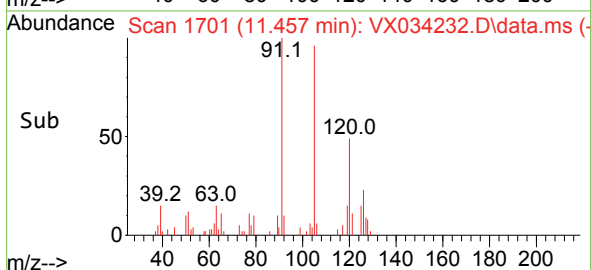
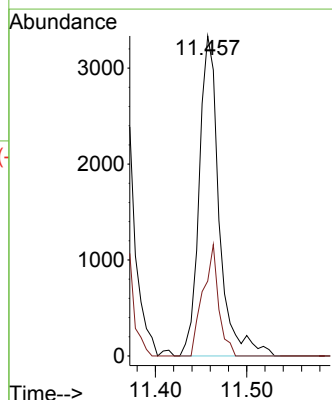
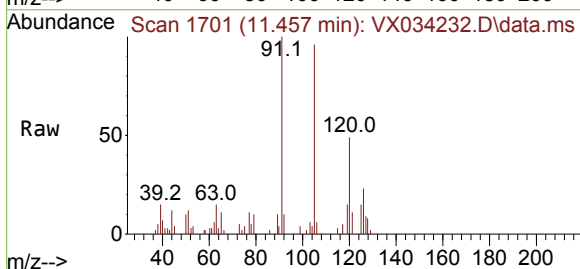
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

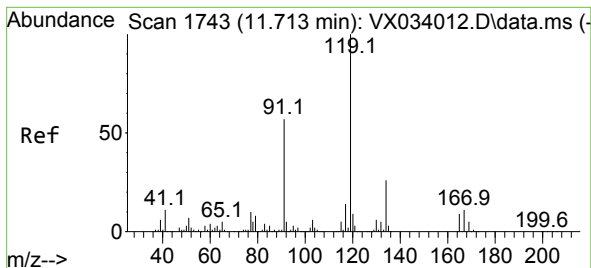
Tgt Ion: 75 Resp: 100531
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.395 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 91 Resp: 5070
Ion Ratio Lower Upper
91 100
126 27.3 15.8 47.4





#83

tert-Butylbenzene

Concen: 0.369 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

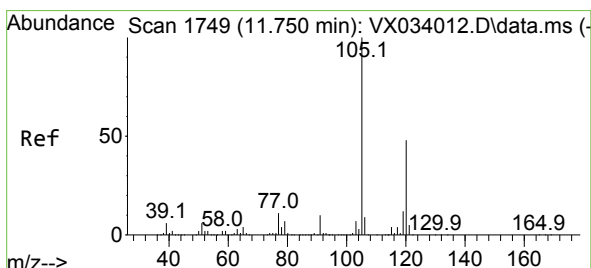
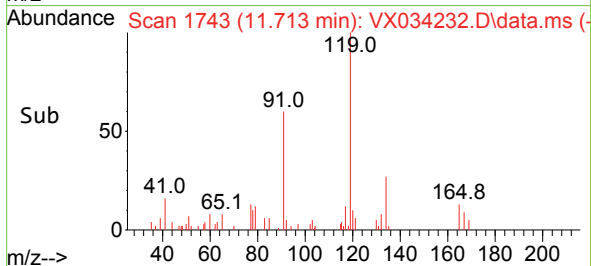
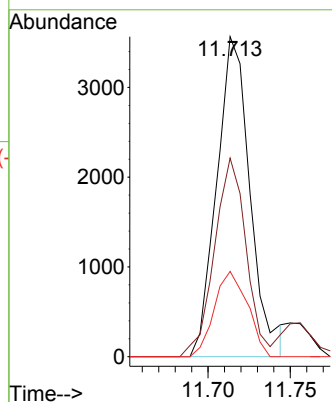
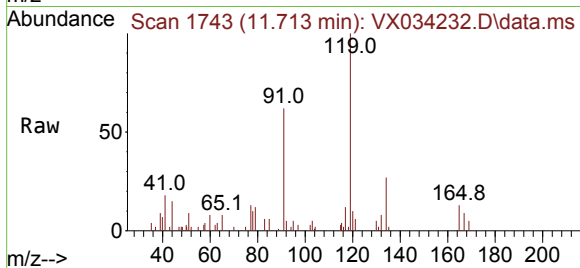
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:119	Resp:	5022
Ion	Ratio	Lower Upper
119	100	
91	59.1	26.9 80.7
134	26.5	12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 0.375 ug/l

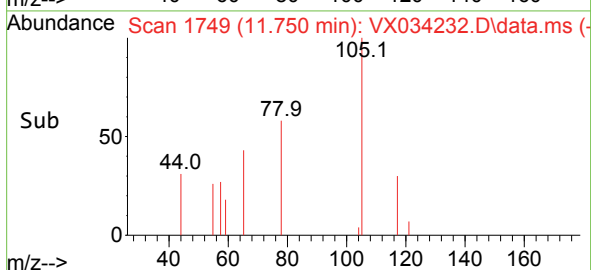
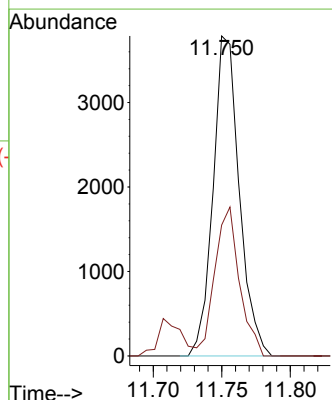
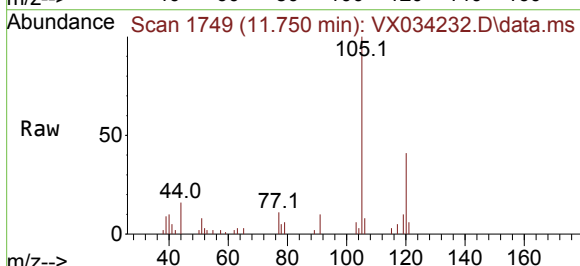
RT: 11.750 min Scan# 1749

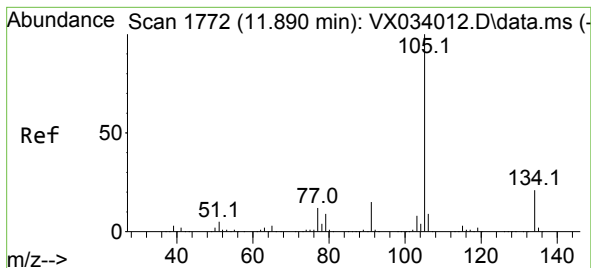
Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Tgt Ion:105	Resp:	5036
Ion	Ratio	Lower Upper
105	100	
120	43.6	23.4 70.2





#85

sec-Butylbenzene

Concen: 0.375 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

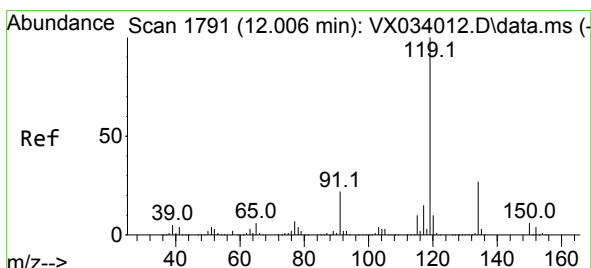
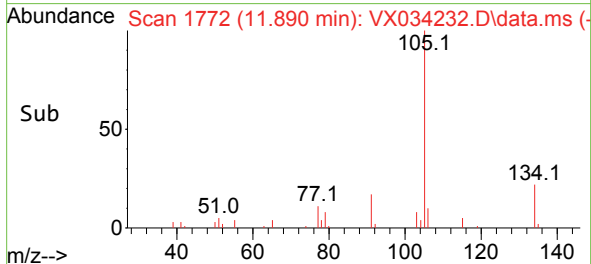
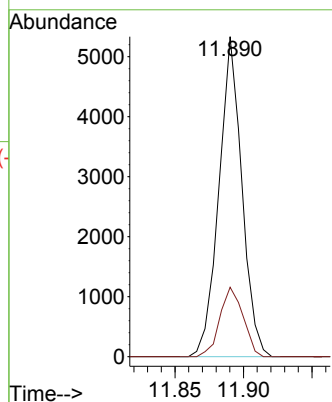
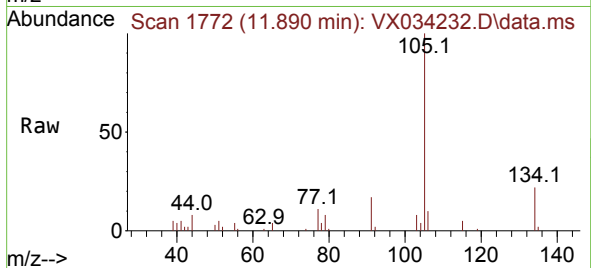
MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 6201

Ion Ratio Lower Upper

105 100

134 22.0 10.8 32.3



#86

p-Isopropyltoluene

Concen: 0.365 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

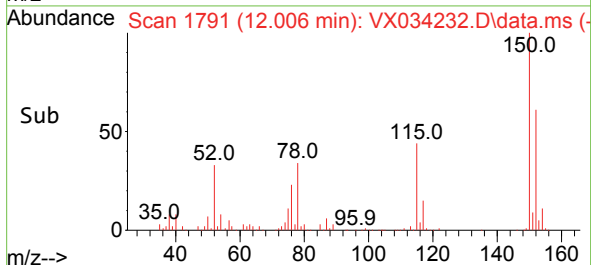
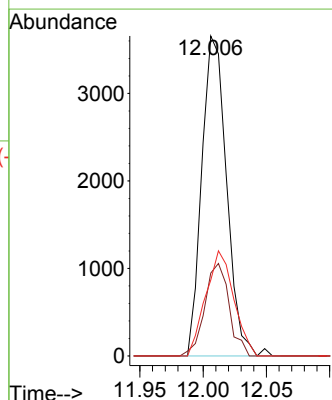
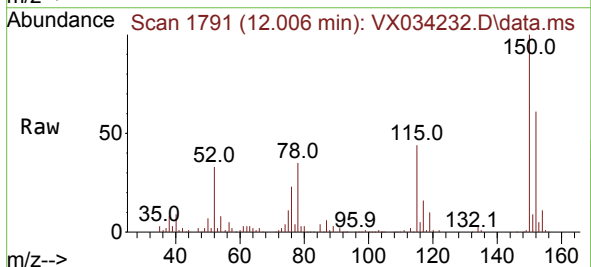
Tgt Ion:119 Resp: 4994

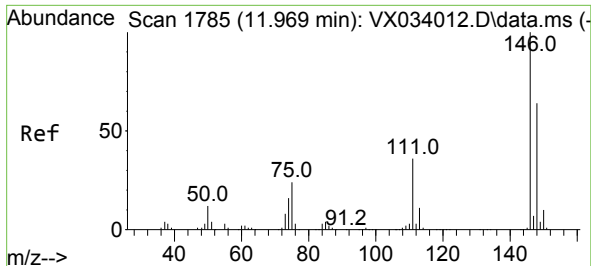
Ion Ratio Lower Upper

119 100

134 28.4 13.6 40.8

91 37.1 11.0 33.0#

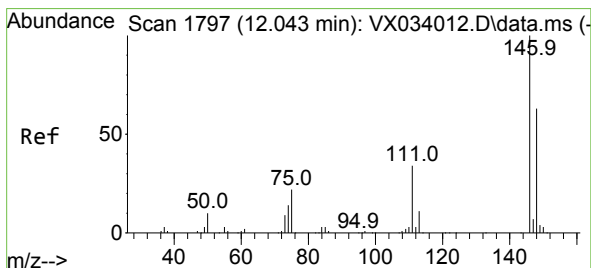
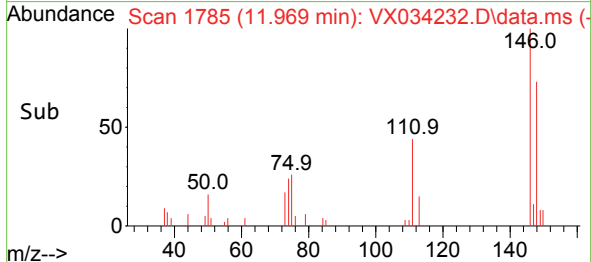
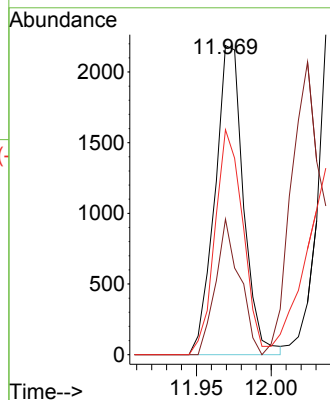
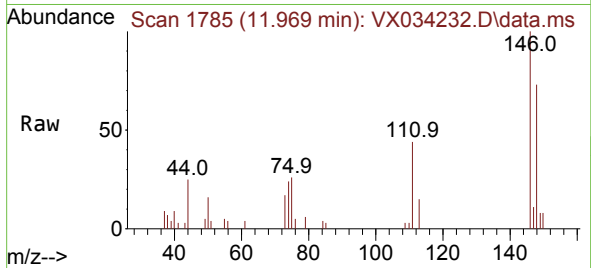




#87
1,3-Dichlorobenzene
Concen: 0.408 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

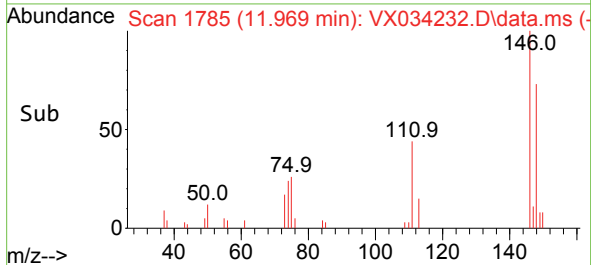
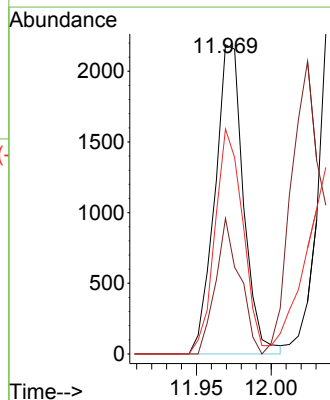
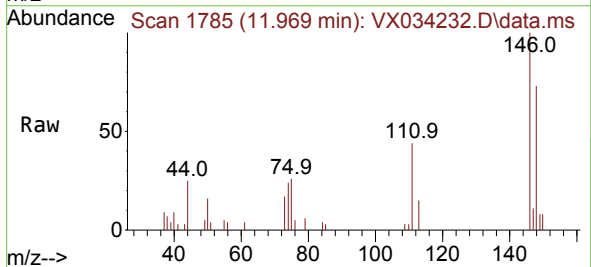
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

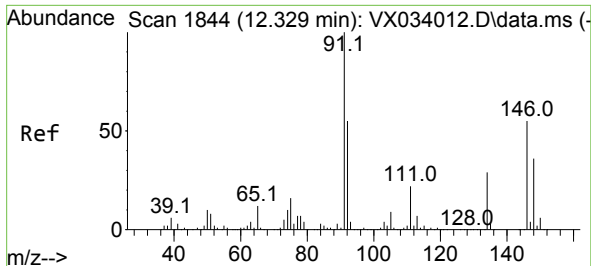
Tgt Ion:	146	Resp:	2910
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	71.8	31.9	95.5



#88
1,4-Dichlorobenzene
Concen: 0.405 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion:	146	Resp:	2910
Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.8	53.4
148	71.8	32.1	96.3

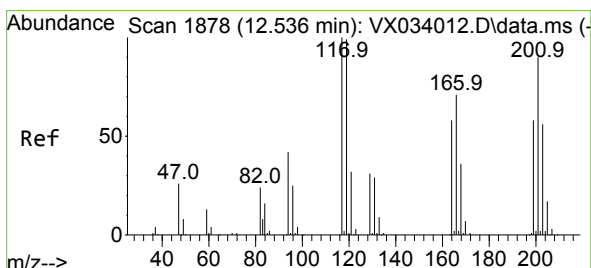
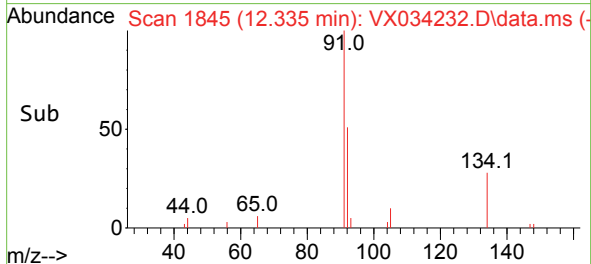
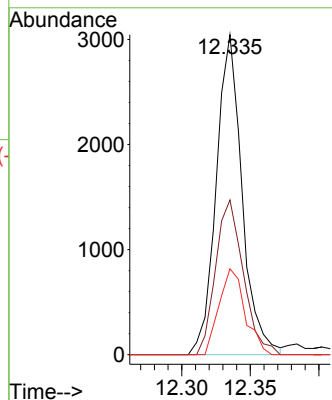
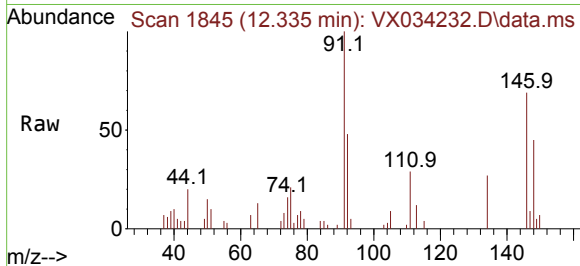




#89
n-Butylbenzene
Concen: 0.328 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

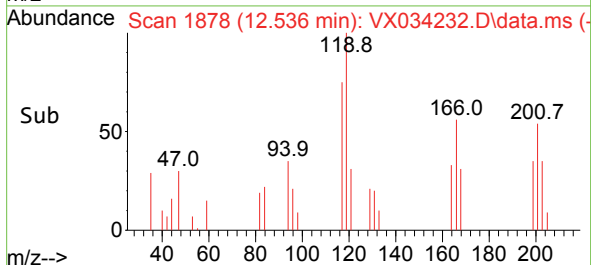
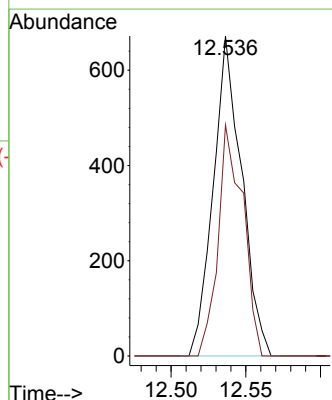
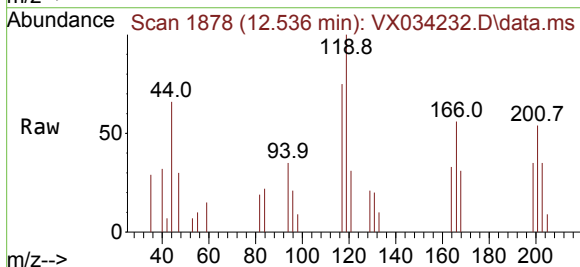
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

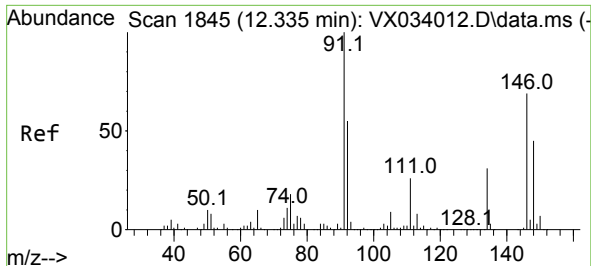
Tgt Ion: 91	Resp:	3994
Ion	Ratio	Lower Upper
91	100	
92	51.8	27.5 82.5
134	26.9	14.3 42.9



#90
Hexachloroethane
Concen: 0.311 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 117	Resp:	888
Ion	Ratio	Lower Upper
117	100	
201	63.1	45.1 135.3



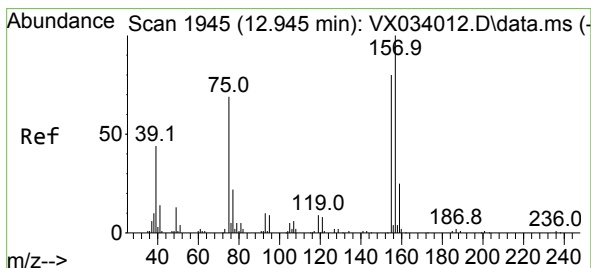
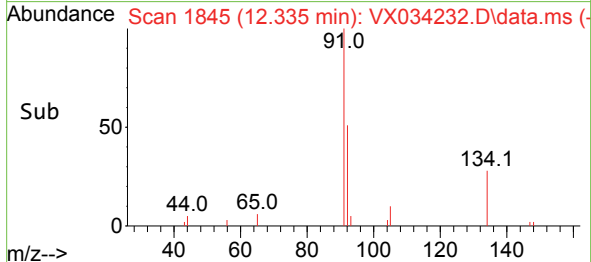
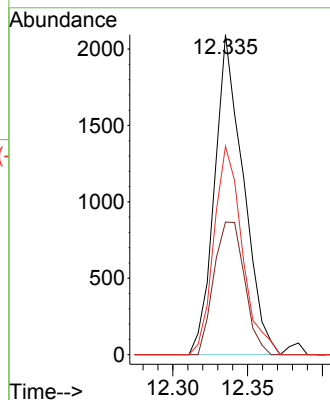
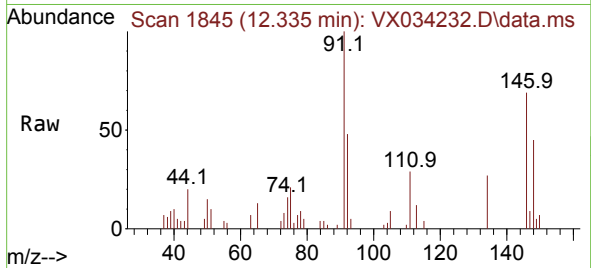


#91
1,2-Dichlorobenzene
Concen: 0.401 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion:146 Resp: 2797

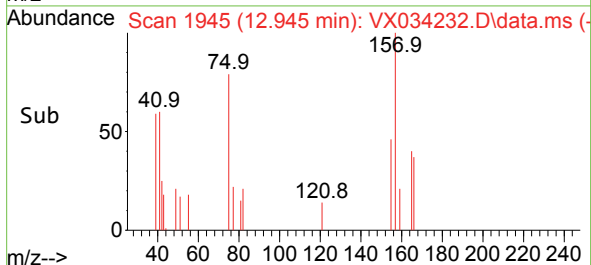
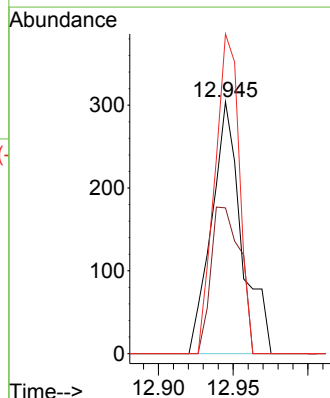
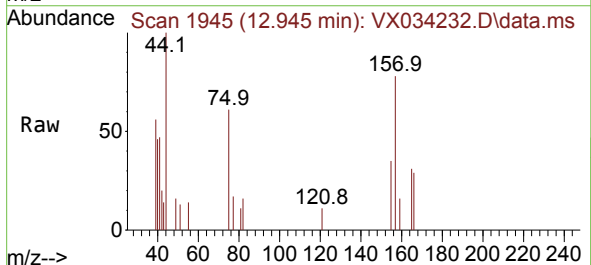
Ion	Ratio	Lower	Upper
146	100		
111	44.1	19.3	57.8
148	64.2	32.3	96.9

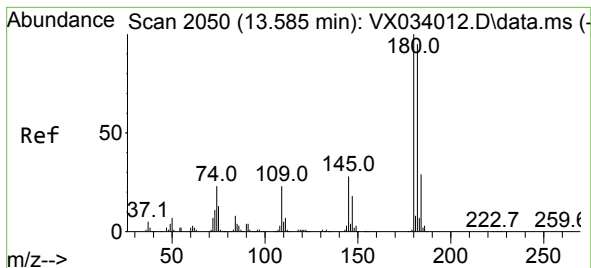


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.330 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034232.D
Acq: 22 Feb 2023 16:32

Tgt Ion: 75 Resp: 425

Ion	Ratio	Lower	Upper
75	100		
155	56.9	51.7	155.1
157	102.8	67.5	202.3





#93

1,2,4-Trichlorobenzene

Concen: 0.393 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

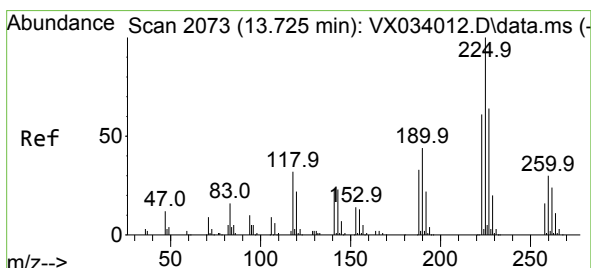
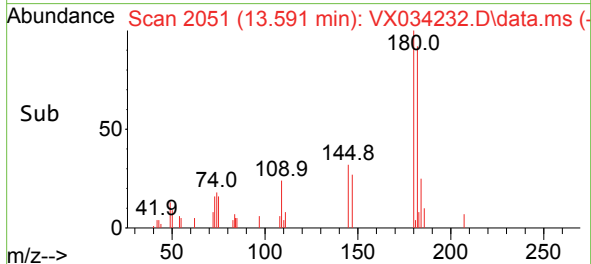
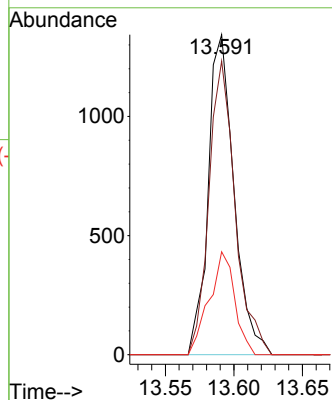
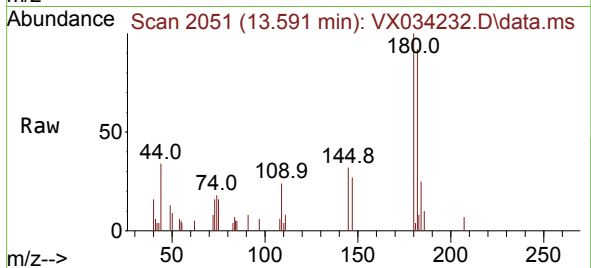
Tgt Ion:180 Resp: 1759

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.6

145 31.8 14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.319 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

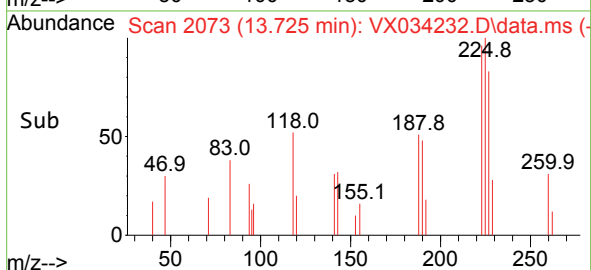
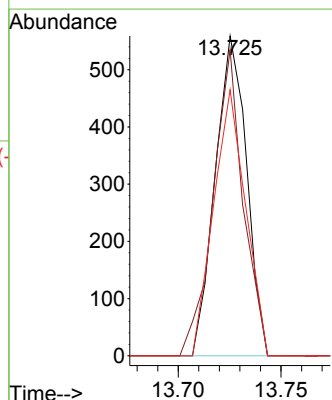
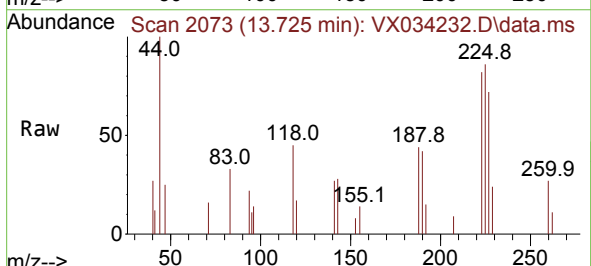
Tgt Ion:225 Resp: 593

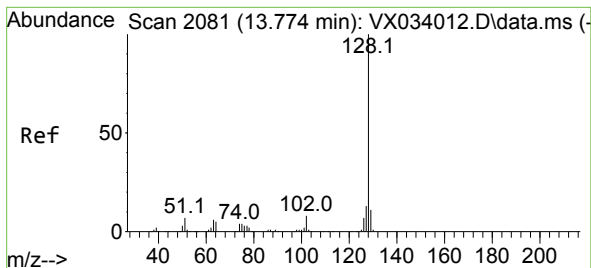
Ion Ratio Lower Upper

225 100

223 91.4 31.3 93.9

227 84.8 32.3 96.9





#95

Naphthalene

Concen: 0.495 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

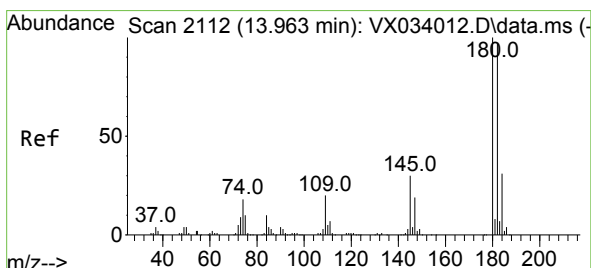
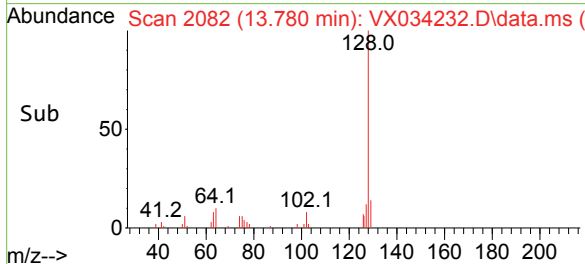
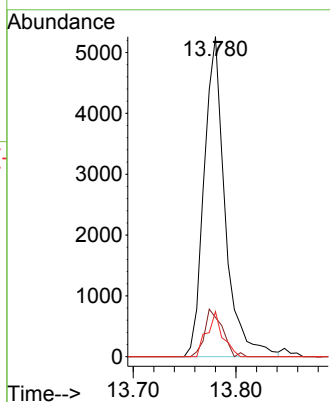
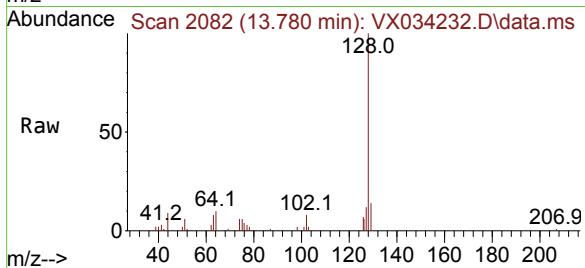
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:128	Resp:	7474
Ion	Ratio	Lower Upper
128	100	
127	12.6	10.3 15.5
129	10.5	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.369 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Tgt Ion:180	Resp:	1639
Ion	Ratio	Lower Upper
180	100	
182	87.5	47.6 142.9
145	31.4	15.1 45.3

